SWARM.



### SWARM.

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#### **ACKNOWLEDGEMENTS:**

Thank you very much for opening up this book.

#### **Contributors:**

We would like to thank the thirty-eight contributors for entrusting us with their stories, dreams, and visions for the future. Were it not for their contributions, this publication would not be enriched by the voices of nearly forty people from around the world. We hope this quilt of diverse perspectives keeps your curiosity warm as you dive deeper into the field of artificial intelligence.

#### The Team Behind Al Infused:

We, the team behind AI Infused, have poured a lot of time and energy to make sure the construction of this publication will bring people together.

The intent is to continue to nurture a true community of movers, shakers, and producers.

- Joaquin Melara, Co-Producer of Al Infused
- Sruthi Radhakrishnan, Co-Producer of Al Infused
- Nadia Lenz, Design and Layout of Al Infused



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Outside of Work

# WORDS FROM



#### Sruthi Radhakrishnan

At Al Infused, we're building more than just a platform—we're cultivating a community where every contribution is valued, and members can rely on one another while working in harmony. Our intention is to spark meaningful conversations that leave a lasting impression and linger in your mind.

I've always found joy in working as part of a team. Whether it was a school group project or a professional collaboration, the magic lies in the diversity of thought. It's like stepping into a 'world of brains' where every individual brings a story, a fresh perspective, and a piece of the puzzle that makes the bigger picture richer. From where I see it, being in a community or team doesn't just strengthen ideas, it strengthens us as individuals too.

One random evening, a conversation sparked an idea about being a part of a digital book something that adds value and brings voices

together. That spark didn't become a direct manifestation overnight, but it did evolve into a continuous and collective effort to make something meaningful. And here we are, turning that idea into reality.

Personally, I'm excited to be part of this initiative. Being involved in curating and shaping this book feels incredibly fulfilling not just because it's creative work, but because it gives me a chance to contribute to something with purpose. I'm genuinely happy to be part of a project that celebrates people, voices, and experiences that often go unheard.

This inaugural edition features diverse perspectives from women working across STEAM fields—gathering insights and moments from their journeys. While the journey toward equal representation is still ongoing, the momentum is undeniable. Each spread is a reminder of the impact women are making and the paths they're paving for upcoming generations. It's a privilege to contribute to this conversation and help spotlight these powerful narratives.

We've connected with some truly inspiring individuals who are not only doing amazing work but are also deeply committed to building a more inclusive world. Their thoughts and experiences have added so much value to this edition.

Thrilled to launch this first edition and even more excited for what's ahead. Here's to growing together!

We'd love for you to share it with others as good things are meant to be passed on:)

Happy reading!

# THE EDITORS

I identify as a "people person."

I find joy in understanding the world through the experiences of others living their own journeys. I believe everyone possesses inherent grace and a multitude of gifts, which they share with themselves and those around them. These gifts have enabled them to achieve what they have, within their circumstances.

When we spend too long fighting our own battles, we can become isolated. This can stem from various reasons: absorption in manifesting an idea or concept, unhealthy work environments and habits, impostor syndrome, guilt, shame, fear of rejection, depression, and a host of other factors that prevent us from opening our metaphorical doors and windows to see into the lives and worlds of others, or even allow others into our home and hearts.

Culturally, some people aren't used to finding others who share core parts of their identity, people with whom they can gather and trade stories. Recently, I found myself calling folks I admire for their personality and wit, simply to connect. Some hesitated, assuming every conversation needed a commercial purpose, and showed up guarded. I explained that not every exchange has to chase cash; I just enjoy connecting, and shared time is enough. Naming that eased the tension in their faces and shoulders, and we could meet as people living our lives on this rock hurtling through space.

Through the lens of the SWARM Community, I am a "community knitter." Being a community knitter means deliberately tying together people living their life's journey through the strands of yarn they spin. The more people tied together through shared beliefs and identity, the greater the potential for a communal blanket to be woven, ultimately bringing about real social change. Afterall, we all have special gifts to offer, and in the context of community, these gifts can compensate for the shortcomings and limitations of others.

This book is a reminder that there are people who share an identity and belief system that they can use as a catalyst for connection: as friends, as allies, and as colleagues.



### Joaquin Melara

I hope that you, the reader, gain a sense of community and an understanding of the potential power of a collective, even if, in this medium, it is simply to share knowledge and perspective; something that can be difficult to come by, even with just one mentor or guide.

I'm incredibly proud of the good that this book can do, both for the contributors and the world at large.

Please enjoy the resources included, and if you gain value, share it with your friends.

# WHY SHOULD YOU READ AI INFUSED?

This book is a response to the world that we (Sruthi and Joaquin) would like to be a part of. It is a quilt of world views from practitioners sharing their hard-earned insights.

We are finding a torrent of content being produced (using genAl) at an unprecedented scale, screaming for attention and providing material stripped of soul and personality. There are clear gaps of knowledge in the world on how the umbrella of artificial intelligence technologies work.

Anatomically, Functionally, Mechanically.

Through Al Infused, we seek to cover this gap of knowledge, beyond the skewed world view spun by companies marketing their solutions, exclusively touting the hype and promise, without a full picture view of the reality.

A bubble can only grow so big before it pops. There is great promise in being able to coalesce groups of people together to spill their minds and share in the cocreation of a digital book. We hope you join us along for this ride.

The first book edition is focused on showcasing the work and efforts of women across the spectrum of STEAM in the field of artificial intelligence, including science, technology, engineering / ethics, arts, and mathematics, around the world. We were lucky to gather such a diverse makeup of experts across industries, specializations, countries, and areas of practice. This should give readers a comprehensive view of the Al landscape while highlighting key actors working at the leading edge of innovation.

By reading this edition, you'll gain access to a treasure trove of resources and perspectives that are otherwise unavailable through formal media channels. It's filled with references to learning materials, role models and case examples, and primers on how Al technologies are being applied across a range of fields. After all, artificial intelligence has existed far longer than LLM-based tools have been in commercial use, and it will outlast this period of hype.

Our aim is to foster curiosity, personal excellence, and open, respectful dialogue. We welcome diverse identities and viewpoints, and we resist polarization by focusing on shared learning and thoughtful exchange.

If you find value here, pass it on and help grow a community grounded in knowledge and generosity.

#### IS THIS BOOK FOR YOU?

This book is for curious people who want to deepen their understanding of Al and discover how they can take part: through reading, reflection, and real examples.

The first edition highlights underrepresented practitioners doing important, innovative work. It's made by humans, for humans.

# **Artificial Intelligence**

On their own, each word has its own meaning:

Artificial means that something was made or fashioned by humans.

Intelligence is the ability to acquire and apply knowledge and skills.

The common thread between the two words, "artificial" and "intelligence" is our own concept of "Human Intelligence."

It's the baseline we use to define the terms and the yardstick by which we judge anything called "Artificial Intelligence."

Ironically, biology and education still lack a crisp, shared definition of intelligence. In a perfect world we'd settle that first, but what's logical or broadly beneficial doesn't always drive the agenda; commercial incentives often steer research spending. Anyways, I digress.

Artificial intelligence is its own can of worms. Some marketers and computer scientists equate mathematical and statistical models with intelligence, attributing capacities like thinking, reasoning, inference, and memory.

Other people emphasize the knowledge-representation and reasoning branch of AI, where intelligence is grounded in formal, precise, human-and-machine interoperable representations.

Non-technical voices also shape the conversation; where artists, poets, politicians, tradespeople, science-fiction readers and writers, imagineers, futurists, and many other roles, often holding both fear and hope about Al's future.

In this edition, we break down what Al means from several perspectives to offer a holistic view, drawing on our contributors' pooled insights.

# HUMANISTIC PERSPECTIVE ON AI

Artificial Intelligence (AI) can profoundly reshape human experiences by automating routine tasks, freeing up space for creativity and innovation. As the majority of our contributors said, Al provides "tools and techniques that support routines, giving more freedom for creative activities." It also prompts us to reconsider our relationship with technology, raising philosophical questions about what differentiates humans from machines. From this perspective, AI is an opportunity to reset how we think, work, play, and even rest.

Furthermore, Al serves as a mirror, reflecting human choices, biases, and power structures. It is a sociotechnical system "shaped by human choices," revealing how decisions influence technological development. Ethical responsibility becomes crucial as Al becomes embedded in everyday life. As another perspective suggests, "Al is not inherently good or bad but

amplifies human potential when applied thoughtfully." All is also exhibiting behaviors that can appear more autonomous. For humans, All is not only a tool but a choice to be made with care.

Additionally, AI also challenges traditional notions of human intelligence, prompting new questions about creativity, speech, and writing while pushing the boundaries of human-machine interactions. This viewpoint emphasises AI as a "journey beginning with clear objectives, solid strategy, and ethical practices," underscoring human responsibility in guiding its evolution at this rapid pace.

Ultimately, understanding "Al as an enabler for humans" can enhance the humanistic dimension as we pave the way towards a more conscious future.

# TECHNICAL PERSPECTIVE ON AI

Technically, Al refers to machines designed to mimic human cognitive abilities like learning, reasoning, and problem-solving. It involves "teaching machines to think and learn from experience," employing mathematical models and algorithms to improve system efficiency. Al supports tasks like prediction, classification, and adaptive decision-making, transforming diverse and complex industries such as healthcare and transportation.

Al's complexity extends beyond the scope of human cognitive abilities. Technical implementation requires handling data at scale, which significantly impacts hardware, software, and energy resources. Much of the work centers on pattern analysis, enabling applications ranging from facial recognition and voice assistants to autonomous vehicles and complex environmental modeling; which sometimes perform on par with or exceed human capabilities on well-defined tasks.

Al also includes advanced models such as deep neural networks, which mandates responsible development due to their increasingly autonomous decisionmaking capabilities. Beyond the models, the AI stack includes tools that for every stage of the lifecycle; the right tool serves as a crucial "bridge between raw data and actionable insights," optimizing operations, informing strategy, and automating mundane tasks. In this sense, Al is both a practical application of mathematics and a complex technological infrastructure that continuous to rapidly evolve.

Overall, the technical view frames Al as "a suite of tools and technologies designed to enhance efficiency and scalability," reshaping how humans interact with technology and extend their capabilities across disciplines.

# INTRODUCTION TO THE CONTRIBUTORS

We take great pride in showcasing diversity. As Marian Wright Edelman, an American activist for civil rights and children's rights who has dedicated her life to advocating for disadvantaged Americans, wrote: "You can't be what you can't see."

Edelman's words reflect our belief in making opportunities visible by showcasing what is possible for people from all walks of life.

Seeing yourself represented in a field can foster a sense of belonging and value. Conversely, the absence of such representation can lead individuals to self-select out of certain opportunities or environments.

To highlight the extent of representation among our contributors, both in their origins and present locations, we present the following list of 25 countries represented, reflecting a global tapestry of cultures:

Arranged alphabetically, these countries include Belgium, Bermuda, Brazil, Bulgaria, Canada, Colombia, Costa Rica, France, Germany, Greece, India, Italy, Mexico, Nigeria, the Philippines, Poland, Russia, Saudi Arabia, South Africa, South Korea, Spain, Turkey, the UK (United Kingdom), Ukraine, and the US (United States).

Among them, we have doctors, lawyers, architects, engineers, educators, scientists, ethicists, philosophers, artists, futurists, and, above all, humans, each with their own unique social, cultural, and professional story to tell.



# **AMY RAYGADA**

From Costa Rica (San José), Living in Germany (Leipzig)

#### **EDUCATION:**

Undergraduate degree in Information Technology for Business Development from Latin University of Costa Rica

Master degree in Digital Transformation for Business from Latin University of Costa Rica.

Amy Raygada is a results-driven business intelligence executive, public speaker, and recognized expert in data mesh, data products, data & Al strategy, and governance. With 18 years of experience in IT, she has seamlessly navigated roles across infrastructure, software engineering, and data. In 2013, before data engineering became a defined discipline, she was already working in data, laying the groundwork for modern data architectures. She holds a degree in Information Technology for Business Development and a master's in Digital Transformation for Business, both of which have shaped her ability to align data initiatives with corporate vision and drive meaningful business growth.

Amy is passionate about fostering an inclusive tech industry. Having built her career in a predominantly male-dominated space, she has dedicated herself to mentoring and empowering women in STEM—helping them build confidence, advocate for their worth, and secure leadership positions. Currently, she focuses on designing and implementing robust data and Al governance strategies for organizations across industries such as media, automotive, and e-commerce. As a trusted advisor, she ensures that Al adoption is not only innovative but also ethical, sustainable, and strategically aligned with business goals. Beyond her technical expertise, Amy is a catalyst for change, shaping the future of data and Al while paving the way for the next generation of women in technology.

#### BEING THE CHANGE YOU WANT TO SEE IN THE WORLD

We often hear the phrase, "Be the change you want to see in the world," but in Al and technology, this isn't just a mantra—it's a responsibility. Al is shaping how we work, interact, and make decisions, and those of us in this field have a duty to ensure it's built with intention, ethics, and inclusivity. For me, being that change means advocating for responsible Al—ensuring that we're not just chasing innovation for its sake but creating technology that genuinely improves lives. It means pushing for governance frameworks that protect people, calling out biases in data, and designing systems that work for everyone, not just the privileged few.

But being the change isn't just about the work we do—it's also about who we lift up along the way. As a woman in tech, I've seen firsthand how much harder it is to be heard and valued and claim space in rooms not designed for us. That's why I mentor, advocate, and fight for other women to feel confident in their skills, ideas, and worth. Al is built by people, and if we don't have diverse voices at the table—voices that challenge, disrupt, and re-imagine—we risk reinforcing the same inequalities we're trying to solve. Change starts when we refuse to accept the status quo when we demand better and create space for others to do the same.

At the heart of it all, being the change means never settling. It means holding companies accountable for how they use Al, ensuring that data is not just accurate but fair, and reminding the world that technology should serve humanity, not

the other way around. It's about making bold choices, asking hard questions, and daring to believe that the future of Al—and the future of tech—can be different. And for every woman stepping into this field, know that your voice, perspective, and leadership matter. The world of Al is still being shaped, and we have the power to make it better.

#### OFF THE RECORD:

Amy's journey into tech was anything but conventional. She began university studying medicine, aspiring to be a neurologist, but ultimately discovered her true passion in technology and Al. Now, she applies her fascination with the human brain to designing intelligent systems, blending her early interests with her expertise in data and Al. When she is not strategizing with executives, she is out setting new personal records with her power-lifting.



# ANASTASIA KARAGIANNI

From Greece, Living in Belgium (Brussels)

#### **EDUCATION:**

Undergraduate degree in Law from the Aristotle University of Thessaloniki

Master degree in Law from the Aristotle University of Thessaloniki

Erasmus exchange student during the LL.M studies at KU Leuven

Doctoral researcher in Law, Technology & Gender with a focus on Gender Equality and Non-Discrimination in the AI Act at LSTS of the Vrije Universiteit Brussel

Anastasia Karagianni is a Doctoral Student at the LSTS Research Group of the Law and Criminology Faculty of the Vrije Universiteit Brussels. Her academic foundation is rooted in International and European Human Rights Law. During her PhD research work she has served as a visiting researcher at iCourts research team of the University of Copenhagen and the Joint research Centre of the European Commission. Passionate about law and technology, she was a MozFest Ambassador for 2023 and a Mozilla Awardee for the project "A Feminist Dictionary in Al" within the Trustworthy Artificial Intelligence working group. Her work explores the intersection of gender, law, and AI technology. She aims to promote fairness, inclusivity, and accountability in the design, regulation, and use of Al systems.

Beyond her academic pursuits, Anastasia is a digital rights activist and co-founder of DATAWO, a Greek organization promoting gender equality in the digital age and raising awareness about online genderbased violence. She has also founded the activist group @femme\_group\_ brusselsGR, as she continuously finds ways to turn challenges into action, especially in these turbulent times for democracy. She is currently participating in CODE IMPAKT, a program that develops interventions and campaigns to expose the power dynamics of Big Tech and urge politicians, policymakers, and citizens to take action. Deeply convinced that art is a universal language that connects people by embracing human emotions, she seeks to integrate artistic expression into her work to amplify its impact and drive meaningful societal change.

# BEING THE CHANGE YOU WANT TO SEE IN THE WORLD

Artificial Intelligence is both a reflection of and a force shaping our society. As Al systems learn from vast datasets, they inevitably absorb historical biases, stereotypes, and inequalities embedded in language and decision-making. Since language is a fundamental tool through which human thought, culture, and social structures are transmitted, Al models trained on biased linguistic patterns risk perpetuating harmful stereotypes, particularly in relation to gender. The digital world is not neutral-technology carries the imprints of societal norms, and if left unchecked, it can reinforce discrimination rather than dismantle it. To be the change in Al means actively questioning and addressing these biases, ensuring that Al-driven decisions are fair, inclusive, and equitable.

One of the most pressing concerns is the role of Al in automating decisions in hiring, law enforcement, and social services, where historical discrimination can be codified into algorithms. Al has the potential to create efficiency, but without careful design, it can entrench existing disparities, as seen in documented cases of algorithmic bias. The challenge, therefore, is not only technical but ethical and political. To effect meaningful change, we must move beyond recognizing bias and actively reshape the data and decision-making processes that inform Al models. This requires interdisciplinary collaboration between technologists, policymakers, and social scientists, as well as diverse representation in Al development to

create systems that reflect a broad spectrum of lived experiences.

Being the change in Al means advocating for transparency, accountability, and diversity in technology. It means questioning the narratives embedded in datasets, challenging the norms that favor a narrow demographic, and ensuring that digital spaces remain inclusive. Al should not be an amplifier of historical injustice but a tool for social progress. By embedding fairness into Al systems-through better data curation, legal and ethical AI frameworks, and inclusive design practices—we can transform technology into a force for equality. Just as language has historically shaped societies, Al now plays a similar role. The future of Al must be built not just with innovation but with intention, ensuring that technology serves all of humanity, rather than a privileged few.

#### OFF THE RECORD:

A fun quirk about Anastasia is that many people mispronounce her name as "Anesthesia," which she finds both cute and amusing.



# AYŞEGÜL GÜZEL

From Turkey (Anatolia), Living in Spain

#### **EDUCATION:**

Bachelor's Degree in International Trade, International Business from Bogazici University

Certificate in Data Scientist and Data Analyst With Python Track from Datacamp

Certificate in Ethics of AI from The London School of Economics and Political Science

Certificate in Al Safety Fundamentals from Blue-Dot Impact

Certificate in the AI & Algorithm Auditor Certification from BABL

Ayşegül Güzel, with a background in International Business, driven by her fascination with AI and ethics transitioned into data science, effectively bridging both social and technical domains. Her work is dedicated to exploring systems that bring joy to humanity, and she has held diverse roles including innovation consultant, time banker, storyteller, community facilitator, social entrepreneur, and data scientist. Notably, she has innovated the world's largest time bank social network and has served as a thought leader in sharing, alternative, and gift economies through press interviews, published articles, and public speeches, including TED Talks.

As a community facilitator, she has led hundreds of community gatherings, hackathons, social innovation camps, and meet-ups connecting people in social and technology fields. She recently completed a research project for Humane Intelligence, conducting a landscape analysis of Al evaluation methods. Currently, she concentrates on Al governance, public advocacy for ethical narratives around Al, and fostering responsible innovation with Al—both within organizations and in grassroots communities. She works as an Al auditor at BABL Al and an Al governance consultant, trainer, and speaker at AI of Your Choice.

## BEING THE CHANGE YOU WANT TO SEE IN THE WORLD

Recently, during the training and speeches I have conducted on the potential AI harms, AI ethics, or evaluation methodologies of AI and algorithms, the conversation repeatedly circled back to one central question: Is there hope? I have been contemplating this question deeply. What is hope anyway? Is it an emotion? Can hope exist without the active participation of those seeking it? What is our power when we claim hope as a key part of our identity? Perhaps the real question isn't whether hope exists, but whether we are willing to embrace the responsibility that comes with our power.

Kari Grain in her book Critical Hope suggests that sooner or later, everyone encounters a complicated relationship with hope, compelling them to choose their philosophy of hope. The book offers several definitions. Renowned activist and philosopher Cornel West rejects mere optimism, which allows a person to observe problems from the outside. Hope, he argues, requires being "in the midst of the muck. You're working it out with love, power, and a commitment to justice." Paulo Freire, the late Brazilian educatoractivist who coined "critical hope," emphasized a spirit of continuous seeking. He wrote: "Hope is rooted in men's incompleteness, from which they move out in constant search." His concept of hope was tied to the struggle for liberation from oppression, requiring a development of critical consciousness to understand systemic inequality and work toward liberation. Thus, hope is not a fleeting emotion. It is a dynamic process involving witnessing injustice, questioning assumptions, reflecting on possibilities, imagining alternatives, celebrating progress, telling the truth, doing hard work, and embracing responsibility. Critical hope demands action.

We live in complex realities, and Al amplifies these complexities. What if the risks and harms we associate with Al, all the debates about Al ethics, are life

holding up a mirror to our deeper systemic issues—issues for which we must each take responsibility? Al governance differs from any previous governance framework. It requires collaborative engagement from a diverse group of stakeholders, ensuring varied perspectives and worldviews inform ethical decision-making and sustainable solutions. It's an iterative, dynamic process requiring profound understanding—not quick fixes—but meaningful, value-driven solutions for all. These days, we talk a lot about Al literacy. It involves more than learning what Al, algorithms, and machine learning are. It means understanding the risks these technologies pose and doing our part to mitigate those risks through robust Al governance. Let's not repeat past mistakes, like performing sustainability audits simply for the sake of reports. Let's act according to our philosophy of hope, regardless of what others do. Of course, there is hope because we are alive in this mysterious and beautiful world of ours. It is time for practicing our small, yet incredibly vital part that we are responsible for, practicing our art and asking questions about this bigger system that we are part of. So that we can create better systems inclusive and joyful for all. So maybe the real question isn't whether there is hope. It's whether we are ready to grow up and take responsibility.

#### OFF THE RECORD:

What brings Ayşegül the most joy is singing. Ayşegül is a certified sound therapist. She is learning modal music and playing oud. She loves human beings, being human and thrives in communities where everyone is welcomed for their authentic selves.



# BEATRICE GAMBA

Born, Raised, and Living in Italy (Rome)

#### **EDUCATION:**

Bachelor's degree in Economics from Luiss Guido Carli University

Certificate in Trustworthy Generative Al from Vanderbilt University

Machine Learning Specialization course from Stanford University

Beatrice Gamba is a leading expert in semantic technologies for online visibility, renowned for her work with knowledge graphs and Al-driven digital strategies. As Head of Innovation at WordLift, she spearheads the company's innovation efforts, developing transformative SEO solutions for a diverse clientele, including Fortune 500 companies. As a recognized thought leader, Beatrice is a frequent speaker at prominent industry events, including Connected Data London and The Knowledge Graph Conference, sharing her insights on the transformative power of knowledge graphs and their crucial role in modern digital search.

Driven by a passion for technology and innovation, Beatrice leverages her analytical skills to guide digital transformation for major international businesses. She helps them address critical challenges, such as scaling digital operations, through the adoption of cutting-edge AI technologies like generative AI, AI agents, and knowledge graphs. Beatrice is presently carving her career crafting bespoke strategies that empower editorial groups and large ecommerce platforms to achieve significant organic search revenue growth while cultivating a culture of continuous innovation.

#### BEING THE CHANGE YOU WANT TO SEE IN THE WORLD

Advocating for Al in today's web context means actively shaping the future through intentional choices and meaningful actions. In the digital realm, this involves not only developing and deploying technology but doing so with a deep understanding of its impact on people and society. Artificial intelligence has the power to enhance human experiences, but only if guided by ethical considerations, inclusivity, and real-world utility.

True change occurs when individuals and businesses are empowered with the knowledge and tools to integrate this technology in ways that align with their values and goals; which also means demystifying complex concepts, fostering transparency, and equipping people to make informed decisions. When organizations embrace innovation purposefully, they contribute to a future where it uplifts rather than alienates. By prioritizing accessibility and practical implementation, we can ensure artificial intelligence serves as a force for positive transformation rather than an unchecked disruptor.

At its core, being the change you want to see in the world, means leading with intention, advocating for responsible technology use, and bridging the gap between innovation and real human needs. It's about recognizing that Al should enhance, not replace, the richness of human experience. By fostering a culture of ethical adoption, we create a world where individuals and organizations

leverage technology meaningfully and effectively. Through thoughtful guidance and a commitment to positive impact, I strive to ensure AI is not just advanced but truly beneficial for all. In my role, I am honored to empower others with the knowledge and tools they need to navigate technology confidently, making a lasting difference in how innovation shapes our future.

#### OFF THE RECORD:

Outside of her professional life, Beatrice enjoys collecting and spinning vinyl records from the 70s, reading literature classics, running races and long distances. She is a professional DJ.



# CHA'VON CLARKE-JOELL

From Bermuda (Pembroke), Living in Kingston Upon Thames (UK)

#### **EDUCATION:**

Bachelor of Arts in Psychology from Temple University

MA in Creative Arts: Play-writing from Kingston University

Certificate in Risk Management from St. John's University

Certificate in Ethics in Al from The London School of Economics and Political Science

Certificate in Data: Law, Policy and Regulation from The London School of Economics and Political Science Cha'Von Clarke-Joell is a pracademic, strategist, and global speaker guiding organizations through ethical technology adoption and human-centered digital transformation. Previously she served as Assistant Privacy Commissioner (Policy, Engagement, and Innovation) in Bermuda. She was instrumental in helping to shape the national data protection policies and leading the R&D of a Bermuda-specific adaptation of the UK-based IASME cybersecurity assurance certification program, ensuring alignment with cultural context to strengthen digital trust and compliance. She has since then been recognized among the 100 Brilliant Women in Al Ethics, known for her pioneering work in human-centered governance approaches, shifting how organizations integrate AI with ethical considerations at the forefront.

Cha'Von's unique contribution to AI ethics lies in her practical frameworks and tools that make abstract ethical principles actionable across diverse cultural contexts, as she has documented in her book, The Digital Polycrisis, where she discusses the intersection of technology, culture, and society. As a public speaker, she has shared her expertise to inform policies and strategies across Bermuda, UAE, South Africa, Kenya, Amsterdam, and the UK to prioritize digital well-being, resilience, and human potential. Presently, she is the Founder of CKC Cares and the Chief Disruption Officer/Co-founder of The TLC Group of Companies, where she is devoting her time to integrate data protection, trust, and human considerations into Al systems.

## BEING THE CHANGE YOU WANT TO SEE IN THE WORLD

Being the change I want to see in the world requires embodying ethical principles in all aspects of my work. When advocating for human-centered Al frameworks, I demonstrate these values through radical transparency, acknowledging biases, and prioritizing human dignity over technological expedience. Through my work in ethical governance, I create ripple effects redefining inclusive human excellence, accessible technological development, and organizational implementation. As a pracademic at the intersection of pragmatic implementation and academic development, consulting with The TLC Group of Companies, and developing frameworks through CKC Cares, I am actively addressing emerging challenges like shadow AI, the unprepared social technical adoption of AI technologies.

The 'digital polycrisis' demands both dialogue about responsible innovation and active participation. My work aims to bridge community engagement, policy advocacy, and education. By developing tools like the Digital Twin Self, I'm researching the psychological impacts of Al adoption and cultural variation in digital literacy and agency. Through the development of the E-AMP Leadership, I emphasize the active development of human qualities essential for ethical innovation such as Empathy, Authenticity, Mindfulness, and Purpose.

I believe that true transformation emerges when we bridge technical expertise with human wisdom, and when we infuse serious purpose with creative engagement. By designing frameworks that combine playful exploration with rigorous analysis, we honor our analytical and emotional selves while building adaptive capacity. This means approaching our collective work with humility about what we don't know, conviction in our shared values, and recognition that the most valuable technological advances enhance our humanity. The change we wish to see in Al begins with how we engage with each other in shaping it.

#### OFF THE RECORD:

Cha'Von, alongside her team at CKC Cares, have written a unique cookbook that blends brunch recipes with lessons on digital safety, called, Brunch, Bubbles & Bots Zine – CKC Cares Products. It combines their focus on meaningful collaboration, learning through fun, and practical approaches with a commitment to promoting digital well-being.



# CLARA HAWKING

From the US (Florida), Living in Spain

#### **EDUCATION:**

BA Magna Cum Laude in Psychology from the University of North Florida

MA in Practical Philosophy and Applied Ethics from the University of North Florida

MA in Theology, Peace and Conflict from Uppsala University

PhD of Philosophy in Global Ethics from the University of Birmingham

MS in Computer Science, eGovernment from Stockholm University

MS Specialization in AI;

MS in Privacy, Information and Cyber Security from the University of Skövde (in progress) Clara Hawking is a Swedish-American leader in artificial intelligence, specializing in ethical Al governance for education.
Clara has studied Computer Science,
Philosophy, Al Ethics, and Education,
providing her with a strong foundation in both technical innovation and pedagogical principles. As the Co-Founder and
Executive Director of Kompass Education, she is dedicated to creating frameworks that ensure Al tech in schools and educational institutions is safe, inclusive, and equitable, bridging the gap between cutting-edge technology and its responsible application.

Clara's expertise lies in Al governance, ethics, and policy, particularly in the context of K-12 education and EdTech. She has developed audit frameworks that help schools assess and manage Al risks while fostering trust among educators, students, and communities. She also collaborates with global policymakers, educators, and EdTech companies to develop standards that prioritize student well-being and equity while fostering innovation. A frequent global speaker and thought leader, she has been featured in international media and industry panels. She has been a recipient of multiple global accolades, including the TechWomen100 Global Achievement Award 2024, Clara focuses on advancing AI governance frameworks tailored for the education sector through her work at Kompass Education.

#### BEING THE CHANGE YOU WANT TO SEE IN THE WORLD

To be a woman in technology is to navigate a world that was never built with you in mind. From seat belts designed around male proportioned crash test dummies to voice assistants that struggle to process female voices, the physical and digital tools that shape our lives have long excluded half the population. These are not oversights. They are symptoms of systems constructed from the perspectives that held power. Artificial intelligence is no exception. It is often framed as neutral, but it is anything but. Al is built on data that reflects the past and developed by teams that rarely reflect the full diversity of the world it aims to serve. We are not dealing with machines born in isolation. We are dealing with technologies that inherit the inequities of the world that made them; a world that has long favoured men, both in the data it collects and in the structures that dominate the technology sector.

That is why being the change is not simply about inclusion. It is about transformation. Women bring more than presence; we bring perspective. A perspective shaped not by being centred, but by being persistently overlooked. Simone de Beauvoir once wrote that women are always defined in relation to men, described as the "Second Sex." Yet within that framing lies a distinct lens, one that sees the blind spots others miss. When women lead in AI, we do not just participate in innovation. We interrogate it. We ask different questions. We examine the social architecture beneath the technical design. We refuse the false

choice between speed and safety, between efficiency and equity. To lead in this space is not to accept the system as it is. It is to imagine what it could become and to rebuild it with intention.

Artificial intelligence is already reshaping education, employment, healthcare, and access to opportunity. It does not merely reflect the world as it is; it magnifies it. If we do not intervene, it will reproduce the failures we have spent generations trying to correct. The future of Al cannot be left to the technical alone, or to the male gaze. It must be shaped by diverse persons who will question what others assume, who will embed human values at every layer, and who will insist that innovation serve the public good. Innovation without ethics is reckless. Ethics without innovation is inertia. The future demands both. To every girl, every woman, every leader considering a path into this field: your voice is not optional. It is essential. Lead with clarity. Lead with courage. Lead with care. And let us create technology that reflects the very best of what we are capable of becoming.

#### OFF THE RECORD:

Clara Hawking has a history of playing competitive ice hockey and coaching at a high level. She still enjoys skating and knocking pucks around whenever she has the chance.



# CLARA KALUDEROVIC

From Ukraine (Kyiv), Living in the US (Texas)

#### **EDUCATION:**

Bachelor of Arts in Political Science and minor in Economy from the University of Houston

Clara Kaluderovic's work and worldview are deeply influenced by her Ukrainian heritage. She has cultivated a passion for using data and innovation to solve realworld problems. Today, she leads transformative initiatives that merge technology and social impact, particularly in the development of ethical Al. She is dedicated to creating accessible, Al-driven mental health solutions that bring hope and healing to underserved communities, starting with Ukraine.

Throughout her career, Clara has founded and grown technology startups, including Mental Help Global (MHG), an opensource Al non-profit designed to support mental health. The focus of MHG is on scaling accessible, culturally relevant mental health support, primarily in Ukraine, where the ongoing conflict has created a mental health crisis affecting millions. Clara's work is making progress to ensure that individuals impacted by war can access immediate, compassionate support in their native language, anytime, anywhere.

#### BEING THE CHANGE YOU WANT TO SEE IN THE WORLD

There is a particular cruelty in waiting for change—a quiet kind of surrender that assumes someone else will carry the burden, that progress is the work of some distant force moving of its own accord. But no one is coming. There is no sweeping reform arriving overnight, no deus ex machina to lighten the load. If we want the world to shift, we must shift it ourselves. Artificial Intelligence, often described as a force that will act upon us, is instead a tool we can choose to wield. At Mental Help Global, we do not wait. We build. We shape. We push the technology to serve the human, not the other way around—using AI not as an abstract innovation, but as a means to reach those who have been left behind.

To be the change is to reject the idea that suffering in silence is inevitable. The absence of mental health support in war zones, refugee camps, and forgotten neighborhoods is not fate—it's a failure of imagination, of will. Al has been called a disruption, but disruption without direction is noise. We choose to direct it with purpose. Toward the mother who cannot afford therapy. The veteran, buried beneath bureaucracy. The child whose nightmares are inherited from someone else's war.

The technology exists. The only question is whether we will use it for something greater than profit and efficiency. At Mental Help Global, we already have our answer. Change doesn't begin with permission—it begins with action. And we are already building the bridge, long

before the world believes it can hold. I insist that what we create matters. The work is slow. The impact is not always immediate. But change is rarely about spectacle, it is about persistence, and about showing up even when no one is watching. We must do it because no one else will, because someone has to.

#### OFF THE RECORD:

Clara is an avid wine enthusiast. At a recent event hosted for Ukraine, they featured wine from the Siege of Bakhmut to raise awareness for mental health initiatives in the country. Clara's favorite wine is Chateau Musar, a beautiful, fruit forward blend.



# ELLE FARRELL-KINGSLEY

From the UK, Current Location Unknown

#### **EDUCATION:**

Bachelor Degree in Liberal Arts and Sciences from the University of Derby

Master of Science in Legal Technology from The University of Law

CELTA Diploma (Teaching English as a Second Language) from the University of Cambridge

Master Diploma in Music Production & Sound Engineering from PointBlank Music School

Certificate in Sustainable Finance from the University of Oxford

Elle Farrell-Kingsley is a futurist, Al specialist, and policy advisor. With an academic background spanning Liberal Arts, Sustainable Finance, and Legal Technology with Cyberlaw, she thrives in interdisciplinary environments, combining emerging tech, storytelling, and strategic policymaking. Her career has been defined by a commitment to understanding and shaping how technology influences society, including the outsourcing of AI and political surveillance. As the founder of PsyberVision, her work has led her to presenting research to the UK Parliament and advising the European Commission on ethical frameworks for global tech governance. She is also collaborating with international NGOs such as the ITU UN and YouthForPrivacy to develop free educational resources on Al literacy as part of the Al Skills for Good coalition.

Recognized as one of the Top 100 Women in Tech and 100 Brilliant Women in Al Ethics™, Elle's work blends future foresight with creative exploration. Her journey with Al has included designing conversational systems, training data sets, and crafting responses in Big Tech to humanize generative systems, addressing questions about what it means for Al to sound human. Today, she is an educator, trainer, and advisor focused on the global governance and ethics of Al, exploring how emerging technologies interact with laws and societal values.

## BEING THE CHANGE YOU WANT TO SEE IN THE WORLD

The world transforms when you do, so lead by example and embody the ideals you wish to see. Nowhere is this more critical than in Al. As tech advances, so too must our responsibility to shape it with integrity and foresight. Al is much more than a tool. In some ways, it acts as an extension of humanity, a cultural mirror reflecting our choices, morality, and ethics right back at us. Today's vision will be tomorrow's technology, and I often think about how systems built today will not just shape industry-specific problems, but define societies. As Al advances, those who fail to engage with its ethical and societal implications risk being left behind. This presents a critical challenge: Will this vision honour every person's complexity, autonomy, and worth—or will it prioritise convenience over conscience? If we want AI to uplift humanity rather than diminish it, we mustn't wait for others to take the lead. Each of us, technologists, policymakers, writers, citizens, all possess a powerful voice.

To truly drive change, we must go beyond the technical limitations of Al (which will always be temporary) and instead, delve deep into the philosophical dilemmas. Intelligence without wisdom is dangerous; progress without principles is merely an illusion. As Al spreads its influence into every corner of society, from education to governance, from finance to healthcare, we must demand Al systems that do more than optimize for statistical efficiency. We are more than just data points. These technologies must account for human dignity, fairness, and autonomy. Already, we've seen Al's impact on hiring algorithms reinforcing

biases and facial recognition raising surveillance concerns. Without proactive governance, these issues will only intensify. If we fail to protect our autonomy, we risk becoming instruments of unchecked power, reduced to mere statistics. True changemakers won't wait for institutions to catch up. They push boundaries and challenge the status quo.

Ultimately, the future is not set in stone, it's a canvas upon which we continuously paint our collective culture, ethics, morals, and values. That choice belongs to all of us. In the digital age, we simply can't afford to think in echo chambers. Al will be shaped by those who engage with it. If we leave its future to a handful of decision-makers, we risk systems that serve only the privileged few. Such is the responsibility of the global citizen—to think beyond borders, to advocate for systems that serve not just the privileged few but all-of-society. The future isn't something we wait for; it's something we shape with every decision we make today.

#### OFF THE RECORD:

Elle is an explorer of languages and cultures, studying Mandarin and Korean while investigating Al trends in Asia. She also practices Brazilian Jiu-Jitsu. And creatively, she uses the insights within technology and policy while working on a full-length speculative fiction novel following the success of her short story, "The Last Garden."



# ELSA SKLAVOUNOU

From Greece (Thessaloniki), Living in France (Paris)

#### **EDUCATION:**

Master's Degree in Linguistics (Lexicon-Grammar Theory) from University of Paris 8

Master's Degree in Linguistics (local grammars for specialized lexicons) from the Aristotle University of Thessaloniki

PhD in Linguistics (Transformational Grammar, Applied Linguistics, Computational Linguistics) from University of Paris 8 Dr. Elsa Sklavounou, originally from
Greece, is a graduate of the French
Philology School of the Aristotle University
of Thessaloniki. She further specialized in
Linguistics and Translation Technology at
the University of Paris 8, focusing on
Language for Special Purposes (LSP) and
conducting doctoral research in
Transformational Grammar applied to
Machine Translation and Machine
Learning. Her area of expertise
encompasses linguistics, translation
technology, and building global
partnerships in content technology.

Throughout her career, she has contributed to several projects related to specialized dictionaries and grammars for the Greek language, and is especially proud of her contributions to the field of computational linguistics. Currently, Elsa serves as the VP of Global Partnerships -Content Technology at RWS Group, where she focuses on building and maintaining global alliances to enhance global understanding through innovative partnerships. In the spirit of combinatorial innovation, the Component Content Alliance (CCA) exemplifies the transformative power of partnerships. By uniting technology providers, consulting firms, and industry experts, the CCA fosters collaboration and knowledge sharing, leading to optimized content management processes. This collective approach not only drives operational efficiencies but also enhances customer experiences, demonstrating how strategic alliances can catalyze meaningful advancements in the field.

#### BEING THE CHANGE YOU WANT TO SEE IN THE WORLD

To be the change you want to see in the world through the lens of Al means embracing both the responsibility and the vision to shape technology as a force for good. Al is not just an abstract construct of algorithms and data; it is a living reflection of human ingenuity, biases, and aspirations. Just as artists blend colors and musicians compose harmonies, Al innovators weave together language, logic, and ethical considerations into systems that can empower or hinder, include or exclude, enlighten or obscure. The challenge is not merely to create, but to create with intention—to design Al systems that uphold fairness, accessibility, and cultural integrity, ensuring that automation serves humanity rather than displacing it.

True transformation comes from proactive stewardship, from forging partnerships that bridge expertise across disciplines, industries, and communities. Al, much like language, is inherently combinatorial; its strength lies in its ability to integrate knowledge from diverse domains. By cultivating collaborations that prioritize explainability, traceability, and ethical oversight, we establish the foundations for Al that augments rather than overrides human agency. This means advocating for governance models that place human judgment at the center of decision-making, developing tools that amplify human creativity rather than diminish it, and fostering Al ecosystems that inspire transparency, trust, and shared innovation.

To be the change in AI is to acknowledge

its quantum potential—its ability to operate at unprecedented scales, to make connections invisible to the human eye, and to redefine our relationship with knowledge itself. But it is also to recognize the limits of automation, the necessity of human oversight, and the irreplaceable value of human judgment in moments of uncertainty. It means preparing for an era where hybrid intelligence—human and machine, intuition and computation—quides progress. In this world, Al does not dictate but collaborates, does not replace but enhances, does not homogenize but preserves the intricate diversity of human expression. To be the change is to ensure that Al, like language, remains a tool for connection, curiosity, and continuous evolution.

#### OFF THE RECORD:

Elsa Sklavounou is driven by a deep appreciation for the intersection of language and technology. So much so, that her unique blend of artistic and technological backgrounds is reflected in her name in Greek, 'τέχνη' means 'art,' and 'τεχνολογία' means 'technology,' both sharing the root 'τέχν. She speaks 4 languages including English, French, Greek, and Italian.



# EMILY SPRINGER

Born, Raised, and Living in the US (Minnesota → Colorado)

#### **EDUCATION:**

Bachelor of Arts in International Studies from The Ohio State University

Master of Education in International Education Policy from Harvard University

Doctorate in Sociology, Development Studies and Social Change from the University of Minnesota Dr. Emily Springer leads TechnoSocio Advisory – an inclusive AI consulting business focused on Al research and consulting for social impact organizations, governments, and multilateral institutions. In her consulting work, Emily gets to do fun projects, such as researching Al use cases for agriculture in the Global South, writing a report on gender data and AI, and advising organizations on appropriate Al applications. Emily is certified Algorithmic Auditor and a member of UNESCO's Women for Ethical Al group, where she collaborates globally to set the ethical Al agenda concerning gender and social inclusion.

Through The Inclusive Al Lab, Emily runs Al literacy training for non-coding professionals and organizations, where she brings broad generalist Al content to start and then takes participants deep inside the core issues, conundrums, and the challenges of inclusive, responsible Al. All training assumes a diversity, equity, and inclusion (DEI) lens and takes seriously the role Al can, cannot, or should not play in efforts for social justice. She has trained teams and individuals who staff USA's USAID, UK's FCDO, UN Women, UNFPA, CARE, DAI, Social Impact, and more. Her expertise lies in building both AI technical capacity and the confidence to speak up and engage in Al for non-coders. More recently, Emily is providing strategic leadership in LLM builds, running responsible Al efforts, change management, and end user specifics and testing.

# BEING THE CHANGE YOU WANT TO SEE IN THE WORLD

In today's Fourth Industrial Age, advancing human-centered AI means recognizing that every technological shift is, at its core, a social shift—one that reshapes how power moves through our institutions, workplaces, and daily lives. And we know from earlier industrial ages that their benefits are not evenly distributed. Being the change we want to see begins by acknowledging that Al learns from the past, often reflecting historical inequities and biases. In social impact, we don't want the same old status quo, we want something different, so using the past to predict the future does not make sense in this use. When we choose to actively engage in Al's development and implementation, we are taking a stand to ensure that these systems don't simply replicate regressive patterns but instead help us forge more inclusive and equitable norms. Al is not the exclusive domain of data scientists; rather, it is an open invitation for those who understand the human side of society—such as sociologists, business leaders, educators, and even caregivers—to help shape how Al tools are built and governed.

That very invitation means non-coders must begin to see ourselves as cocreators of the Al future, not passive recipients of whatever technology comes next. By stepping up—learning the basics of Al and its ethical considerations, raising our hands for Alrelated leadership opportunities, and speaking out against biased models or hiring tools—we actively dismantle

constraints that would keep AI from serving the greater good. In this process, we address the social dimension of technology: encouraging workplaces to adopt fair data practices, auditing systems for hidden biases, and advocating for policies that protect vulnerable groups from misuse.

Ultimately, "being the change" in Al means fighting for—and building—the world we want, rather than simply reacting to the world we have. It involves doing the work of learning, implementing, and leading in spaces where diverse voices have been underrepresented. It calls for tenacity in championing responsible Al governance and daring to envision a technology landscape where everyone can thrive—women, caregivers, underrepresented groups, and beyond. When we step forward in these ways, we help ensure that Al becomes a force for progress, creativity, and collective well-being, rather than a mechanism for reproducing inequality.

Who's with me?

#### OFF THE RECORD:

Emily has lived in Ethiopia (Dire Dawa and Addis Ababa) for over six years of her life. She speaks Amharic, can cook a full Yetsom Beyaynetu, and enjoys day hikes on Entoto.



# FLORETTA MAYERSON

Born, Raised and Living in Mexico (Mexico City)

#### **EDUCATION:**

Bachelor of Arts in Marketing and Political Communications from Reichman University

Visiting student in Syracuse University

Certificate in Data Visualization from CENTRO

Floretta Mayerson Troyce is the cofounder and general director of Violetta, focusing on communications, partnerships, and impact-design processes. Floretta's work centers on providing a digital safe space where users can talk about issues that don't feel right and identify hidden violence patterns through a chatbot that delivers quality, validated information in a personal, friendly, empathic, and context-sensitive way. embedded in different social layers through society By detecting risk patterns and re-connecting users to the most accurate resource, she aims to nurture gender-based violence free relationships with a hyper-contextualized, ethical, and responsible Al model. A worthy goal given gender-based violence is embedded in different social layers through society

Floretta actively searches for meaningful human connections and to create healthier relationship dynamics. She aims to bridge the gap between information and real tangible action through inclusive design. Through her work, she seeks to support gender equality and empower all women and girls with practical knowledge and resources, recognizing that everyone has the right to live a safe and fulfilling life within healthy relationships. She addresses the fact that unhealthy relationship dynamics lead to a spectrum of circumstances, including: limited opportunities, sexism, domestic abuse, sexual abuse, reduced career ambitions, and even femicide. Through her work, her motivation and purpose is to make a meaningful difference in another person's life by educating them on how they can live a safer and more fulfilling life

To be the change I want to see in the world, through the lens of Al, means holding both the promise and responsibility of this technology with care. I believe that Al must be intentionally designed from a place of empathy, not efficiency alone. In my work, whether it's through Violetta, where we use AI to democratize access to emotional and mental health tools, or in the programs we build with organizations to foster psychological safety, I see how technology can either deepen disconnection or become a bridge toward collective wellbeing. For me, the change begins in the questions we ask who is this for?, whose experience is centered?, how can use this tools to make people feel seen and connected?

Al also invites us to redefine intelligence — not just as something fast or predictive, but as something relational, embodied, and emotionally attuned. Through my journey in the tech and IA environment I have understood that we don't need more answers, we need to ask the right questions. We need better listening. Being the change means building systems that are not extractive, but regenerative. That support rather than surveil. That recognize the richness of human complexity and honor the wisdom of diversity. I am aware that at its core Al is less like a machine and more like a mirror, and I want to co-create one that reflects back our potential for connection, care, and consciousness.

Ultimately, re-defining the metrics and

standards of success is crucial to building and being the change I want to see in this world. Technology doesn't have to reproduce harm, it can repair. It's showing up to build even when the blueprint doesn't exist yet. Through this lens, AI is not the future but rather it is the present unfolding. And I want to be a part of shaping a world where the intelligence we design helps us remember what it means to be fully human.

#### OFF THE RECORD:

Floretta is highly sensitive and sensorial, guided by her perceptions. To her, words have smell and taste, colors have sound, and people have textures. She loves traveling and exploring new cultures, meticulously researching hidden gems with Google Maps to ensure she misses nothing.



# GARIMA GUJRAL

From India (New Delhi), Living in Germany (Munich)

#### **EDUCATION:**

Bachelor's Degree in Development Communication and Extension from Delhi University

Master's Degree in Library and Information Science from Tata Institute of Social Sciences

Garima Gujral is an Ontologist and subject matter expert on E-Commerce taxonomy design & governance. She is passionate about improving taxonomic structures as well as the processes to meet end-user needs. Presently, she is working at Amazon in Germany, on their Product Knowledge team. Garima has been the recipient of several awards, including a gold medal for her Masters of Library and Information Science at the Tata Institute of Social Sciences (Mumbai, India), the Indian Researcher Award 2022 by the International Research Association (London, UK), and the Iconic Women Creating a Difference Award by Women in Economic Forum. She has authored over 50 publications in multidisciplinary domains and holds the vision of contributing towards a "Feminist Approach to Technology." Her research interests include knowledge graphs, ontologies, and structured and unstructured knowledge management. She is actively exploring ontology schema generation & improvement using LLMs to ground AI in facts and develop explainable systems.

Garima's passion for championing Women in Tech comes from a very personal space. Growing up, she noticed how technology was always seen as a 'male-dominated' space, through her academic and professional journey. She saw many brilliant women miss out on participating in the conversation in tech and research. Witnessing this imbalance lit a fire to write and research because she wants her voice to be heard by everyone. Garima believes that women belong in tech—not just as users but as creators, innovators, and decision-makers. Her advocacy for women in tech focuses on shaping the technology of the future, so that the future can reflect and serve everyone. Through her efforts, she is making technology more inclusive and equitable for everyone.

Creating the change you want to see in the world requires action—it's not enough to simply hope for progress. In Al, this means challenging who has the power to build technology, whose voices are amplified, and whose experiences shape the data we depend on. As an ontologist, my work isn't just about structuring knowledge—it's about making sure Al systems reflect the real world, not just a narrow, biased version of it. Al is often seen as this cold, logical machine, but at its core, it mirrors the people who design it. That's why we need more women, more diverse perspectives, and more intentional efforts to create systems that truly serve everyone. If we don't step up, we risk letting technology be shaped by a select few while the rest of us just live with the consequences.

The reality is, AI is not neutral. It carries the biases, blind spots, and inequalities of the world we live in. If we don't actively challenge those biases, they will only get stronger, embedded into every search result, recommendation, and decision-making process. That's why I focus on building better taxonomies and knowledge structures—because the way we categorize and organize data directly impacts how AI understands us.

We need to ask: Who is being left out? Whose knowledge is prioritized? And how can we make Al more explainable, more ethical, and more accountable? Change doesn't happen just by hoping for it; it happens when we demand better. Women don't just belong in

tech—we need to be leading it. If we aren't in the room, the systems being built won't reflect us, won't serve us, and won't understand us. That's why I write, research, and speak up—because our voices matter. Al should not be another space where women's contributions are erased. We deserve to be here, shaping the future of technology, and we will be.

#### OFF THE RECORD:

Garima has traveled extensively. She grew up in the heart of Delhi, tackled the chaos of Mumbai, soaked in Bangalore's tech-driven buzz, worked amidst Thailand's rich cultural landscape, and is currently captivated by the stunning landscapes of Bavaria and the majestic Alps in Germany. Along the way, she's wandered through new cities, collected stories, and, of course, discovered the best local markets and hidden shopping gems. For her, traveling is about the people, the experiences, and the little moments that make each place feel like home.



# GAYATHRI DEVI B R

Born, Raised and Living in India (Bengaluru)

#### **EDUCATION:**

Bachelor's of Engineering Degree in Electronics & Communications from the B. M. S. College of Engineering

Certified in ISO/ IEC 42001 - Lead Implementer by the Global Association for Quality Management (GAQM)

Gayathri Devi is an Al Security Strategic Advisor focused on building Al readiness capabilities in organizations by incorporating a responsible culture into their Al adoption journey. She regularly provides training on Generative AI/LLM security best practices and delivers technical talks and workshops through organizations like IEEE - CIS, WiE, SIGHT, as well as Udemy. Her professional career has primarily been dedicated to safeguarding the digital landscape with cyber defenses and reducing risks and threats through effective cross-functional collaborations. She prioritizes educating and raising awareness among stakeholders and the public about protecting themselves from cyber risks & threats. When she is not working with organizations, she guides youth on safe internet usage and protection from cyberbullying.

Gayathri's work on Al governance emphasizes the importance of incorporating diverse viewpoints in shaping this transformative technology, ensuring its responsible development and adoption through proper regulatory frameworks and policies that benefit society and the environment. Her work involves conducting Al audits and leading in enforcing regulations and promoting framework adoption. These frameworks include the NIST AI Risk Management Framework (RMF), which guides Al risk management, OWASP principles for secure Al applications, the forthcoming EU Al Act, and ISO 42001, the international standard for AI management systems. Currently, Gayathri is working with NTT Data to support a significant Al adoption effort, focused on framing Al-related policies and building people, process, and technology capabilities for Al adoption readiness.

During the isolation days of the pandemic, I took interest in exploring sci-fi video games such as Detroit: Become Human and New Horizon Zero Dawn. The games provided a temporary distraction from boredom. The biggest draw to these video games was the creativity of character design, gameplay functionality, and foreseeing thought process in the futuristic story lines. The conversations within the game responded to decisions you made and ultimately changed the course of the gameplay. This unique feature was incredibly deep and thought-provoking to me. One quote in particular, from a fictional character that acted as a visionary scientist named Elisabet Sobeck, resonated with me, "Being smart will count for nothing if you don't make the world better."

This sentiment echoes strongly in my work helping organisations build and adopt Al solutions in a secure and responsible way. Al Companies are shaping the discourse around these technologies, and as a result subtly aligning perceptions with profit driven agendas. The marketing promises of revolutionary transformation often overshadow critical conversations about responsibility and ethics. The result is a widening gap between technological capability and ethical implementation. As Dr. Timnit Gebru, founder of the Distributed Al Research (DAIR) Institute notes, "The people who are going to be most affected by these technologies have the least power to decide how they are being developed and deployed." Organisations worldwide are rushing through to participate in the race of Al revolution, eager to demonstrate their ability to solve increasingly complex problems. Yet this acceleration comes with a troubling tendency to sidestep the essential guardrails and compliance frameworks.

Industry pushback against ethical frameworks like NIST AI Risk Management Framework or ISO 42001 implementation reveals an uncomfortable truth: building responsible AI systems is challenging, expensive, and time-consuming. In the

race to market, these "constraints" are often viewed as competitive disadvantages rather than necessary foundations. The consequences of such an approach are already emerging concerning use cases that blur the ethical boundaries: (1) Recruitment algorithms screening candidates based on geography, predicted health conditions, or language patterns rather than relevant skills and experience. (2) Customer service systems that subtly prioritize "high-value" customers while creating digital barriers for others. (3) Health related companies deploying Al algorithms for putting critically ill patients on high intensive care, or an attempt to determine an individual's healthcare needs were producing biased results. These experiments represent a troubling pattern: using AI to exploit human vulnerabilities and circumvent established rights for institutional gain. The choice before us isn't whether to advance Al, but how to ensure that advancement serves all of us. In that decision lies the difference between a technological future that empowers humanity and one that diminishes it.

#### OFF THE RECORD:

Gayathri is a strong advocate against cyber bullying and proactively upholding cyber security across domains. She engages in public awareness campaigns through appearances in local TV news channels to talk about uses of the internet and technology as well as the impact of cyber incidents. Outside of work, when she is recharging her batteries, she paints, writes poetry, and travels to peaceful beaches or mountains.



# GLADYS CHOQUE

From Peru (Cusco), Living in Brazil (Sao Paulo)

### **EDUCATION:**

Bachelor of Science in Statistics from the National University of San Antonio Abad del Cusco

Master of Science in Statistics from the Federal University of Rio Grande do Sul

Visiting Student in the University of Buenos Aires

Phd in Statistics and Data Science from the University of Sao Paulo

Gladys Choque Ulloa is a PhD student studying Statistics with a focus on Data Science at the University of São Paulo. Her motivation for pursuing Statistics stems from her interest in leveraging Data Science and Machine Learning techniques to solve real-world problems. She aims to apply her expertise to advance knowledge intensive fields like neuroscience and precision medicine. As a result of her passion, she has nurtured a data community called "Women in DataLab" and has won several international competitions. In 2020, Gladys won first place with her interdisciplinary team in the MIT COVID-19 #Hack4theFuture Hackathon in the "Al and the Future of Healthcare" track. Their project, BioBox, addressed the problem of inaccurate, time-consuming, and biased workplace COVID-19 prediction and screening. BioBox utilized biosensors and surveys to provide a low-cost and highly reliable solution for determining the safety of going to work, not just for COVID-19, but for any disease in the future.

Glady's area of expertise is in predictive models, time series, and machine learning. Through her foundational expertise in data science, she leverages Al in various advanced applications within the expansive field of bioinformatics. Al allows her to analyze and process large datasets more efficiently, uncover patterns, and make data-driven predictions. For example, she uses machine learning models to identify genetic markers for diseases, predict patient outcomes, and even assist in drug discovery. She is currently focused on neuroscience research, exploring how various computational techniques can be applied to this field.

Being the change you want to see in the world means taking action to improve what is wrong. With artificial intelligence, we can make a huge difference. Al has enormous potential to solve complex problems and make our lives easier, but it's important that it is used for good. If we want a more just world, we must ensure that Al is designed ethically, without bias, and applied to solve issues such as inequality and the lack of access to essential services.

To be a changemaker, it's essential to involve people from diverse backgrounds in the development of Al. Technology will only be fair if those creating it represent a wide range of perspectives. Initiatives like "Women in Data Lab," which I founded, seek to empower women in data science and Al by creating spaces where anyone can learn and contribute their ideas. With diverse voices involved in Al development, we can create solutions that are more inclusive & equitable for all.

Being the change through AI means taking responsibility for how this technology affects society. While AI can improve areas like healthcare and education, it can also exacerbate problems if misused. It's important to ensure that AI systems are transparent and respect people's privacy. If AI developers make ethical and responsible decisions, we can transform this technology into a positive tool that improves everyone's lives.

### OFF THE RECORD:

Gladys and her family love animals because they fill their life with joy. She has 5 dogs, including Lucas, Chaska, Facundo, Lucy and Chatin. And her sister has 4 cats.



# H. TITILOLA OLOJEDE

Born, Raised and Living in Nigeria (Abuja)

#### **EDUCATION:**

Bachelor of Arts in Philosophy (Bioethics) from the University of Ibadan

Master of Arts in Philosophy (Bioethics) from the University of Ibadan

Doctor of Philosophy in Epistemology and Social Collective from the University of Ibadan

Artificial Intelligence for Development, Junior Consultant Trainee

Al Policy Research Fellow, Centre for Al and Digital Policy

Al Safety Governance Fundamental Fellowship

Dr. Helen Titilola Olojede (Titilola Preferred) is an African, Yoruba, and Ìjèsà woman from South West Nigeria. Titilola holds a PhD in Philosophy. She teaches and researches in philosophy at the National Open University of Nigeria and has been involved in facilitating various training on Al ethics with international bodies and academic institutions. Embodying the full image of an Al ethicist given training in philosophy and academic and practical experiences, Titilola believes that ethics backed with the force of law holds the pathway to a responsible, inclusive, safe and sustainable Al.

Titilola is the Principal Investigator of The Impact of Generative Artificial Intelligence—ChatGPT—on Higher Education in the Global South: Ethics and Sustainability (funded by the Notre Dame – IBM Tech Ethics Lab) which investigates how education lecturers use GenAl to design instructional materials and authentic assessments and the ways in which we should engage with GenAl to foster critical thinking rather than atrophy. Currently, Titilola is investigating innovative pedagogy in Al, focusing on training students on ethical Al usage and training teacher educators and education students.

Being the change that you want to see in the world means having the courage to be a lone voice in a room, in a group, even in the world. This applies whether the stakes are high or low putting humanity first, emphasizing the need for value alignment in Al development and deployment over mere efficiency, crass extractivism and capitalism.

To walk the talk and mirror the change, as an Al ethicist, means adhering to the highest ethical standards in whatever setting and in my core context, in my teaching, research, and engagement with society. This comes to light in my continuous search for women philosophers, women academics and women Al ethicists to fill roles and to enroll in engagements, and by incorporating in the curriculum contributions of women who otherwise have been omitted in the corpus of knowledge. Having benefitted from a rigorous education filled with openended questions I am on a mission to ensure that there is lots of intellectual friction for the curious academics coming up in the next generation.

This is why I advocate through various media, the need to kick the silos and embrace meaningful collaboration between developers, ethicists, end users and indeed the society for the design of value sensitive AI systems.

### OFF THE RECORD:

Titilola loves to sleep, enjoys long walks, and collecting teas, coffee, wine, and incense from around the world.



# HONEY YADAV

Born, Raised and Living in India (Delhi)

#### **EDUCATION:**

Bachelor of Technology in Electrical and Electronics Engineering from Galgotias University

Master of Technology in Engineering / Industrial Management from Netaji Subhas Institute of Technology

Doctor of Philosophy in Technology Management, with a focus on Al Capability Management from the Indian Institute of Technology, Delhi Honey Yadav is a senior doctoral scholar at IIT Delhi specializing in Al-capability research and Technology Impact Assessment (TIA). She has spearheaded high-impact projects using advanced text analytics, including developing the National COVID-19 Vaccine Hesitancy Digital Communication Strategy. Her work also includes TIA in e-commerce and 5G for mobile network operators. Additionally, she made significant contributions toward the adoption of an IoT-enabled waste management solution and Al implementations involving NLP algorithms and recommendation systems.

Honey's interdisciplinary expertise encompasses healthcare management, explainable AI, digital transformation, and strategic innovation. She has been researching AI development and deployment in organizations for the past five years as part of her PhD work and consulting, and she has successfully trained over 500 students in implementing customer analytical solutions. Recently, her work on federated learning architecture has been widely acknowledged and presented at a conference, making a significant contribution to the field. It has also been shared for scientific publication, highlighting its impact on advancing privacy-preserving and decentralized Al systems.

As a researcher, being the change I want to see in the world means taking an active role in shaping the value-driven, responsible, and impactful development of artificial intelligence technology. Al has the potential to revolutionize industries, solve complex societal challenges, and enhance human capabilities, but only if it is designed with fairness, transparency, and accountability in mind. Al technology is a general purpose technology, it will transform every aspect of today's business processes and customer interactions. Hence, in my understanding of Al, the technology has immense potential to facilitate the automation of complex tasks, enhance decision-making through data-driven insights, and drive innovation across industries while ensuring efficiency, accuracy, and scalability. My work focuses on ensuring that Al models and algorithms are not just technically advanced but also aligned with responsible principles that prevent bias, misinformation, and unintended consequences. Through rigorous research and empirical validation, I contribute to a future where Al serves as a force for good rather than a source of disparity.

Beyond algorithmic fairness and model transparency, I recognize the importance of inclusivity in AI research and development. The datasets, methodologies, and frameworks we use as researchers must reflect diverse perspectives and global challenges. By advocating for interdisciplinary collaboration, open-access research, and

inclusive policy frameworks, I aim to bridge the gap between Al advancements and real-world applications that benefit all communities, not just those with access to cutting-edge technology. My role as a researcher is not just to develop new Al models but also to critically assess their social, economic, and ethical implications, ensuring that innovation does not come at the cost of justice or equity.

Ultimately, my responsibility as a researcher is to ensure that Al is a tool for meaningful progress, addressing global challenges such as climate change, healthcare accessibility, and social inequality. This requires not only technical expertise but also a commitment to shaping policies and frameworks that guide Al's ethical deployment. By engaging in responsible Al development, knowledge dissemination, and policy advocacy, I embody the change I want to see in the world. My vision is for Al to drive not just technological advancement but also a future that is sustainable, fair, and human-centric.

#### OFF THE RECORD:

Honey is fascinated by the relationship between time and gravity in black holes. It makes sense, given black holes' immense gravitational forces can bend light, warp space, and even slow down time itself, creating mind-bending cosmic phenomena!



# IRINA FILITOVICH

From Russia (Saint Petersburg), Living in the US (Boston)

#### **EDUCATION:**

Master of Science in Mathematics from Saint Petersburg State University

Minor in Language Interpretation & Translation from Saint Petersburg State University

Graduate certificate in Data Science from the Harvard Extension School

Irina Filitovich, originally from Saint Petersburg, Russia, has spent the last 12 years working in various data professional roles within the pharmaceutical industry. Currently, her focus is on designing enterprise ontologies and semantic knowledge graphs tailored for the pharmaceutical sector. Her semantic approach to modeling, allows for the grounding of probabilistic AI using deterministic AI. The knowledge graphs she develops are intended to house drug discovery research data, which will then be used to enhance an LLM with the capability of reliably answering specialized research questions.

Beyond her work developing a knowledge graph, Irina is also making strides in creating an ontology that streamlines the generation of electronic common technical documents (eCTD) for regulatory agencies like the FDA and EMA. As an ontologist in pharmaceutical R&D, she designs models for both existing and anticipated data. These models are designed to be easily understood and machine-readable, providing a reliable source of ground truth for humans and Al systems alike, ultimately increasing their accuracy, dependability, and trustworthiness based on explainability.

The way we understand the term Artificial Intelligence is fluid. In STEM research and industry today, it is used to describe an automation system specialized to perform a cognitive task or a related set of cognitive tasks, e.g. face recognition camera feature, self-driving car, digital assistant, board game player, robotic surgery system. As technology evolves and such systems become more sophisticated and capable of performing a broader range of tasks, we will keep redefining what qualifies as Al and what no longer does.

As a philosophy and sci-fi lover, I prefer to think of Artificial Intelligence as an entity that possesses characteristics of the human mind, such as ability to learn, self-reflection, creativity, emotions, desires, curiosity about the world, and questioning what is right and what is wrong. We're surely on the path to creating one, and when we get there, we better have a common set of values and a shared understanding of things with it.

There are often variations in meaning different people put into the same words, especially when we talk about abstractions. Companies develop internal jargon to describe artifacts they operate with, sometimes the naming even differs from team to team. I chose to work in **Enterprise Ontology design and** development to promote understanding within and across organizations in the pharmaceutical industry, with the new wave of progress in Artificial Intelligence, it feels meaningful to me that what I do, establishes common ground of accurately represented human knowledge for Al systems to use.

#### OFF THE RECORD:

Irina's newest hobby is making electroacoustic music. Prior to making music, she has also dabbled in carpentry, building her own desk out of 4 types of wood.



# JESS MENDOZA

Born, Raised and Living in the US (California)

#### **EDUCATION:**

Associate of Arts in Liberal Arts and Science from Long Beach City College

Bachelor of Arts in Psychology from California State University - Dominguez Hills

Master of Arts in Experimental Cognitive Psychology from The University of Alabama

Doctor of Philosophy in Experimental Cognitive Psychology from The University of Alabama Dr. Jess Mendoza was born in East Los Angeles to immigrant parents—her mother fled El Salvador's civil war as a child, and her father immigrated from Mexico in pursuit of a better future. Jess was the first in her family to graduate high school. She went above and beyond earning her Doctorate in Cognitive Psychology. She has since transitioned to the tech industry, becoming a User Experience Researcher, applying her expertise in human behavior to inform simple and elegant designs. Currently, Jess works in the realms of finance and insurance for a B2B SaaS organization, where she uses AI in UX research to uncover insights faster, improve usability testing, and connect data to human needs.

Outside of work, Jess engages in projects that align with her passion of empowering the everyday people. She believes that Al literacy along with critical thinking, communication, conflict resolution, and problem-solving are essential skills for thriving in an ever changing landscape. In partnership with the SWARM Community, she creates spaces for others to engage in learning and sharing knowledge about Al and its role in shaping the human experience. Recently, Jess has played a key role in the development of a disaster relief digital assistant using Voiceflow to provide critical resources for those who were affected by the Los Angeles wildfires.

Being the change you want to see in the world goes beyond recognizing areas for improvement—it involves taking action to drive that change. In the context of Al, this means shaping the future of technology with intentionality, ethics, and human-centered design. I create opportunities to break down complex topics into meaningful relatable ways to accommodate for various learner personas both at work and in her outside endeavors.

As someone committed to Al literacy, UX research, and responsible Al advocacy, I believe Al's true power lies not in automating tasks but in enhancing the human experience, expanding access to knowledge, and fostering inclusivity. Rapid advancements in Al have made people fearful of learning new technology. As a result, my desire is to convert that fear into empowerment, so that people can embrace a growth mindset and explore new tools.

You can be part of this change too. Shift your mindset from "Al feels overwhelming and complicated" to "I'm curious to explore how AI works and what I can do with it." Al isn't an unstoppable force—it's a tool that we shape, refine, and use to create new opportunities. Al can be a force for good, but its impact depends on placing people front and center by asking the right questions and designing technology to serve human needs, not just business efficiency. By ensuring Al works for people, rather than the other way around, we can make technology more approachable, ethical, and aligned with real-world needs.

### OFF THE RECORD:

Jess is an avid roller skater. When she is not skating, she paints seascapes with watercolors, oil paints, acrylics, and gouache. Her favorite color palette is based on the ocean on a bright sunny day, a fitting choice given her love for painting water and light. Her parents told her to stay in school (and she took that quite seriously), so she ended up with a PhD. Jess also enjoys learning new languages, she currently speaks Španish, Italian, Portuguese, and English.



# JESSICA TALISMAN

Born, Raised, and Living in the US (Washington D.C. → California)

#### **EDUCATION:**

Bachelor of Arts in History from Smith College

Master in Teaching from Lewis & Clark College

Master in Information and Library Science (MLS) from Emporia State University

MicroMaster in Design Thinking from Rochester Institute of Technology

Jessica Talisman has dedicated her career to exploring the dynamics of information and knowledge, and how information flows across systems. Her experiences range from historical contexts to educational frameworks and extends to the realms of artificial intelligence and its application within enterprise knowledge systems. She is an active contributor in codifying knowledge management techniques, founded in the discipline of library science. As a librarian, she evangelizes the importance of high-quality data as a prerequisite to rendering truthful and reliable Al systems. Currently, she is a Senior Information Architect at Adobe, building semantic knowledge graphs for content and context setting. She believes in the importance of bridging the gaps between library science and data management, to enable robust knowledge management systems that can support innovation in Al.

Jessica frequently speaks on podcasts, including Knowledge Graph Insights, SWARM Community's The Al Digest, Monday Morning Data Chat, Data Dialogues, The Data Democracy, Catalogs and Cocktails, The Crazy Wisdom Podcast amongst others. She has presented at several conferences including Data Day Texas, Connected Data London, ML Ops Community Al in Production, and Modern Data Quality Summit. Jessica is also an author, currently writing a book called "Intentional Arrangement" (NerdHerd, expected early 2026).

Artificial Intelligence systems present wonderful opportunities for codifying skill-sets while finding ways to learn and grow as a practitioner. Humanity is on the precipice of a culture shift, that is cause for re-examining one's own place in the world. While fear of job loss and the automation of jobs predominates conversations around the negative impacts of AI, the bigger question is what can I do to manage this anxiety and benefit from these socio-technical shifts. Rather than fear change, embrace change and examine opportunities for growth and learning.

Al has proven that with its integration into workflows, platforms and systems, there are new job roles emerging and other job roles evolving. The evolution of the job market means new, potential opportunities. There is a creative force and personal agency in this new reality, where each person can chart a course to fill industry demands and needs.

While there are plenty of fears and negative connotations related to Al, the question is, do you want to be part of the change, towards the common good? Or is your role one of resistance choosing to refuse involvement in Al systems? If Al is part of the burgeoning new world order, how will you contribute in a way that is meaningful or aligned with your personal ethos? We live in a very polarized, individualistic world that prioritizes personal autonomy, sometimes to the detriment of community. And community is where we collaborate to support one another as we navigate the new Al reality together.

### OFF THE RECORD:

Jessica is certified in Yoga, Pilates and Gyrotonic. She owned three movement studios in Portland, Oregon, and holds a patent for an exercise device called the Levity Board. She still practices and teaches movement at a local, community studio, in her quest to share the power of self-awareness.



# **JOVITA TAM**

From Canada, Living in the UK (London)

#### **EDUCATION:**

Honours Bachelor of Applied Science in Mechatronics Engineering, International Studies in Engineering Option from the University of Waterloo

Honours Bachelor of Law, Graduate Entry, University of London, City St. George's

Master of Laws, with Business Law Certificate, University of California, Berkeley

Certificate in Applied Data Science from Massachusetts Institute of Technology

Jovita Tam is a business-driven Data/Al Advisor & Attorney (England/NY) based in London, UK. Having lived and worked in various global hubs, including New York, San Francisco, Toronto, Hong Kong, Macau, and Turkey, Jovita brings a diverse perspective to her work. Her professional journey began with Mechatronics Engineering and advising engineering companies on their business, later concentrating her Master of Laws studies with a focus on corporate and commercial law. She develops frameworks that optimize processes at the intersection of business operations, data and Al technologies, and risk governance and compliance.

Jovita works with CEOs and product leaders to set business strategies that maximize the return on their Al investment while maintaining the balance between responsible AI use and managing AI risk. For example, through conducting education and strategy workshops, gap assessments & analysis, Jovita partners with her clients to highlight and prioritize areas that yield the greatest ROI. She has been able to help different companies (from startups to Fortune 100) across industries, and cultural boundaries with her unique portfolio of skills and experiences. Currently, she is focused on helping medium-sized and large companies with their strategic Data and Al needs, including AI and Data Governance.

As a student of yoga philosophy and a practitioner sharing the journey, I understand that each day presents us with a choice—a choice in how we show up and engage with the world. Every decision we make contributes to shaping our surroundings, even if the impact seems small and goes unnoticed by others. (Example - think our words can potentially be training models.) This process is a journey of meeting ourselves where we are each day and embracing our responsibility to act in alignment with our values. By doing so, we embody the change that we wish to see in the world.

Being the change I want to see means recognizing and honoring the fundamental truth that "humans have more in common than we have differences." This perspective calls for showing up with kindness and compassion in our interactions, fostering a sense of unity and understanding among people. As we navigate daily life, leading with kindness becomes a powerful way to influence the world around us.

Personally, this philosophy feels particularly significant as we find ourselves on the frontier of groundbreaking advancements in technology, such as artificial intelligence. These developments amplify our responsibilities to uphold values of kindness, respect, and human connection. By intertwining these principles with progress, we ensure that technology serves to enhance our shared humanity rather than divide it.

### OFF THE RECORD:

Jovita recently enjoyed a unique sleepover experience at the Natural History Museum in London!



# KASIA KAMINSKA

From Poland (Katowice), Living in Spain (Barcelona)

#### **EDUCATION:**

Bachelor of Law in European Law from Maastricht University

Visiting Student at the Complutense University of Madrid

Postgraduate degree in Leadership Psychology from the Warsaw University of Technology Business School

Master's degree in Strategic Design in Complexity from KAOSPILOT & Elisava School of Design Over the past decade, Kasia has worked at the intersection of technology, society, and futures. Her first degree in European law revealed her passion for justice and equality, and during that time she wrote a bachelor's thesis—based on sci-fi films—titled "Rights for AI," a topic that then felt like science fiction. After graduating, she moved into the tech industry, serving as a tech journalist, co-founding a startup, and leading a business-development team. Meanwhile, she has remained active in civil-society initiatives, co-leading two NGOs.

She recently completed an executive master's program in Strategic Design in Complexity, where she explored systems thinking and futures thinking in complex environments. Kasia now applies these insights in her work with SMEs and NGOs, focusing on process design, change facilitation, and narrative building. She also holds a part-time role at the Tech To The Rescue Foundation as an Al4Good lead and co-founded Jutro Lab, which is currently running an Al-narratives project that surfaces society's underlying beliefs about Al and explores alternative future scenarios.

I feel like we talk a lot about Al agency, whereas we forget about human agency. And human agency is something we need to bring on change to the world. We need to feel like things can be improved, and that we can contribute to them. And in order to do so, I'd like this new technology to help us gain new ways of engaging with each other, so we can organize and understand each other better. I feel like this technology could also help us make sense of the highly complex world we live in and help us pinpoint the changes we could be working on.

To use tech as a tool to move from a place of feeling overwhelmed to a place where AI is fueling our action plans and helps us strategize how to implement change. I think this requires not only believing in oneself, or in the sense of making any action happen, but also requires us to strip AI of this magical, God-like narrative. We need to appreciate the vastness of this technology as an add-on companion, rather than a machine taking over the world.

I'd like us to use this technology as a tool to help us focus on things that we're all missing - like connection, community, engagement. Focusing on human qualities to engage with each other, can actually make us feel we are bringing change to the world.

One connection at a time.

### OFF THE RECORD:

Kasia loves exploring new foods in her journeys as she finds food holds so much more than just flavour - it conveys the stories of people, of the culture and society they live in. Making it not only a sensual experience but also a cultural one.



# KASIA ZANIEWSKA

From Poland (Warsaw) Living in Germany (Berlin)

#### **EDUCATION:**

Magister of Sociology, Anthropology of the Contemporary and at the University of Warsaw

Postgraduate Degree in Brand Strategy and Communication

Postgraduate Degree in Service Design from SWPS University

Kasia is a Strategic Designer by profession and a Social Scientist by training, with nearly 20 years of experience researching Human-Computer Interaction. Coming from a family of engineers and physicists—including her late grandmother, who studied under one of Einstein's students—Kasia bridges technical know-how with deep social sciences expertise. Her career spans scaling engineering and e-commerce products, leading changemakers programs, and driving digital transformation initiatives. She led the creation of a Catalogue of Digital Competences for SMEs, At Google Poland equipping Google with the means of upskills grass-root entrepreneurs.

Kasia specializes in leveraging AI to automate data collection and initial analysis, allowing her to scale her research and create predictive reporting systems. Kasia loves translating complex data into actionable strategies. As a neurodivergent thinker, she thrives in identifying subtle patterns and transforming them into clear direction —making her an invaluable force in shaping the intersection of AI, society, and design. As co-founder of Jutro Lab, she explored Al narratives, uncovering 20 distinct types grouped into four clusters and underscoring the foundational role of storytelling in shaping Al discourse. Recently, she trained changemakers from international NGOs on strategizing Al development in healthcare.

Al today is deeply biased, and I am committed to addressing these biases at all possible levels. We recognize that models trained on public and semi-public internet content inevitably reflect societal biases, often skewed towards English-speaking perspectives. However, bias isn't just a byproduct of training data—it seeps in at multiple stages, and each of these stages presents an opportunity for intervention.

By uncovering biases such as the over representation of western narratives (the "North-by-Northwest" effect) or the replication of homogeneous figures like White Male Twins in Al-generated content, we can actively integrate underrepresented voices and disciplines beyond traditional ICT (Information and Communications Technology). A critical starting point is ensuring diversity within the teams that design and build Al solutions. My approach focuses on incorporating anthropology and semantics into data structuring and the development of Al agents, as well as testing these systems in a variety of reallife contexts.

I want to lead by example and challenge others shaping the future of AI to do the same. Currently, I am developing an AI agent that automates anthropological analysis of semantic fields across any given topic. This tool identifies dominant and emerging narratives across various sources, from social media posts to peer-reviewed publications. By grounding insights in real-world data—rather than assumptions or AI hallucinations—this

approach enables designing future(s) systems that provide change across various problem spaces.

#### OFF THE RECORD:

Kasia is a die-hard live music fan and fully intends to be that 80-year-old lady rocking out in the front row at festivals. She once attempted to sail across the Atlantic with an all-male crew—until the yacht's mast broke on her watch! When they finally made it back to shore, her crew's dry humor turned them into a local sensation, responding to every concerned "What happened to your boat?" with a casual, "It always looked like this."



# KATRINA MONTINOLA

From the Philippines (Manila) Living in the US (California)

### **EDUCATION:**

Bachelor of Science in Information and Computer Science from Georgia Institute of Technology Katrina Montinola is a seasoned technology executive, Al strategist, and board-certified governance professional with over 30 years of experience in Silicon Valley. Originally from the Philippines, she earned her Bachelor of Science degree in Information and Computer Science from the Georgia Institute of Technology.

Katrina is particularly proud of her work at Archimedes, Inc., where she led the development of two pioneering healthcare modeling platforms. Currently, she is a partner at 2Go Advisory Group, leading the Practical Al Practice Group and collaborating with clients to integrate Al into their operations. She serves as a fractional CTO at three startups, True Sage, LiVeritas Biosciences, and EV2X, and is a strategic advisor to Strategic Thinking Systems, an Al tool startup. She aligns Al capabilities with business priorities for impactful and sustainable transformation.

Being the change you want to see in the world means taking responsibility for shaping the future, not just waiting for it to unfold. In the realm of Al, this means actively steering technology toward empowerment rather than displacement. Al has the potential to revolutionize industries, but without thoughtful leadership, it can also widen inequalities. To truly drive positive change, we must design and implement Al in ways that elevate people—helping workers transition, businesses adapt, and entire communities thrive in the face of automation. It's about ensuring that Al serves humanity, not the other way around.

For me, this change is personal. I grew up in the Philippines, where the BPO industry transformed lives, providing economic mobility to millions. But today, Al is disrupting that very industry, threatening the jobs of people who have worked hard to build their futures. Rather than accept displacement as inevitable, I choose to act. My mission is to help workers navigate this shift—leveraging Al to create new roles, upskill talent, and open doors to opportunities that didn't exist before. True change happens when we use technology not just to optimize efficiency, but to uplift people and build a more inclusive digital economy.

To be the change in Al means recognizing its power and using it responsibly. It's about challenging companies, policymakers, and educators to prioritize human potential alongside innovation. It's about fostering Al literacy,

so workers don't fear the future but embrace it with the right skills and confidence. And most importantly, it's about proving that technology is not destiny—our choices are. By leading with purpose, we can shape Al into a force that drives progress for all, ensuring no one is left behind in this rapidly evolving world.

#### OFF THE RECORD:

Katrina is an accomplished amateur equestrian show jumper, having competed in 4 continents including Asia, Australia, Europe, and North America. She has pursued this hobby since she was seven!



# LEONIE ENGEMANN

Born, Raised and Living in Germany (Augsburg)

### **EDUCATION:**

Bachelor of Science in Geoinformatics from the University of Augsburg

Master of Science in Geoinformatics from the University of Augsburg

Doctorate of Philosophy in Sustainable Supply Chain Management from the University of Augsburg Leonie Engemann is originally from Augsburg, Germany, and studied Geoinformatics at the University of Augsburg. There, she developed a passion for the combination of programming, spatial data, and sustainability, particularly in how spatial technologies can be used to address real-world environmental challenges. She recently began her PhD in Supply Chain Management at the University of Augsburg, working on network analyses and spatial knowledge graphs to improve supply chain transparency and resilience.

Currently, Leonie's research centers on the complex interactions between supply chains and environmental factors such as climate risks, water scarcity, or geopolitical instability. Her research involves modeling these interdependencies in global supply chains to have a better basis for decisionmaking, automatic risk detection, and prediction in the future. By structuring and analyzing complex data sets within global supply chains, her research enables the integration of AI tools such as predictive analytics, automated risk detection, or decision support systems. In the future, these technologies could significantly enhance the understanding of supply chain dynamics by identifying hidden patterns and anticipating potential disruptions, supporting more sustainable and forward-looking business practices.

Al has the power to transform industries, from automating repetitive tasks to uncovering hidden patterns in vast amounts of data. But true change comes from using Al responsibly, ensuring that technological advancements align with sustainability and ethical principles. It must go beyond automation and efficiency and it should help us make better, more responsible decisions. In my research, I apply Al-supported network analyses to supply chains, making them more transparent and resilient. By integrating spatial knowledge graphs and predictive analytics, I aim to create decision-support systems that help businesses and policymakers identify risks early, reduce environmental impact, and foster more sustainable sourcing practices. Al is not just a tool for efficiency, it is a means to drive meaningful change when applied with the right intentions. By structuring complex data and identifying patterns, Al can support businesses and policymakers in reducing emissions, avoiding supply chain disruptions, and promoting fairer, more sustainable sourcing practices.

Being the change also means embracing interdisciplinary collaboration. Al alone cannot solve global challenges; it needs to be combined with domain expertise, open data, and diverse perspectives. In supply chain management, Al-driven insights must be translated into actionable strategies that companies can implement while balancing economic, environmental, and social factors. This requires a shift in mindset, from short-

term gains to long-term resilience. By working across disciplines and industries, we can ensure that AI serves as a catalyst for more responsible and transparent decision-making, ultimately benefiting both businesses and the planet.

To drive real impact, Al should be accessible and understandable. A technology is only as powerful as the people who can use and interpret it. That's why I believe in developing Al solutions that are not only technically sound but also intuitive and practical. Whether it's through visualizations, userfriendly tools, or educational initiatives, making Al insights comprehensible empowers stakeholders to take informed action. Change happens when knowledge is shared, and by designing Al applications that foster trust and inclusivity, we can ensure that the transformation of global supply chains benefits everyone, not just a few.

#### OFF THE RECORD:

Leonie enjoys being in nature, whether hiking, climbing, or camping in the Alps. She also likes to incorporate graphs into the knitting patterns of her sweaters.



# LIZZETTE SORIA

World traveler, Presently residing in Peru (Lima)

#### **EDUCATION:**

Bachelor of Arts in Sociology, International Development Studies from McGill University

Master of Science in International Cooperation and Urban Development from the Technical University of Darmstadt Lizzette Soria is a gender expert with more than fifteen years of experience applying her knowledge across the globe. Her work focuses on building bridges between normative frameworks, policy, and practice through data and innovation. She has worked for eight years with the United Nations and has hands-on experience working with think-tanks, governments, and academia. Her areas of expertise include urban infrastructure, transportation, and information technology.

During the last three years, she has focused her professional efforts in addressing gender bias and disinformation in Al models. In 2024 she co-developed a Generative Al model from scratch using data mined from social media to identify sexist narratives in different languages. Natural language processing (NLP) and machine learning (ML) techniques were used to train the model on a dataset of labeled content including examples of both sexist and non-sexist language. This work gained her recognition as one of top 33 women in responsible Al globally and the top 100 Brilliant Women in Al Ethics 2025. Additional innovative initiatives she has participated in, such as: "Equitable Bikeway Expansion - MIT Policy Hackathon," where she placed 1st place and "Safe Cities for Women Thinkathon" have been featured in the MIT Policy Review, and the UN Innovation global report.

I work as a policy expert to advance women's rights globally. For many years I have worked very closely with male dominated fields, such as the transport, energy and the technology sector. My work increases awareness of gender (in)equality and provides guidance on strategies/ solutions to increase positive impacts for women and girls, while reducing potential harm. The field of AI is not an exception. Artificial intelligence can further perpetuate existing biases and discrimination in society, or if used responsibly, it has the potential to level the playing field.

When I saw the emerging trends, opportunities, and risks of Al in early 2020, I wanted to get my hands on it. Right away I saw the need to bring feminist principles and human rights values closer to the field. In this chapter of my career, I have prioritized addressing gender biases and discrimination on the development of Al models. Power is a key source of the issue and the solution. Working with Al for Good, requires self-reflection and an open mind to address your own biases as you need to be a power broker between the AI system and the communities you are serving.

In 2025, we are celebrating 30 years of championing women's rights globally since the historic Fourth World
Conference on Women in Beijing. At the same time, we are witnessing the rise of Al at a rapid speed. In this context, I hope to see the next generation of women and girls benefiting from the emerging

opportunities of Al. I hope to see Al systems serving the needs of a 13 year-old girl living in the global south. I hope to see an Al solution addressing gendered disinformation globally. I hope to see Al systems serving not only a handful of people who have access to the technology but the majority.

### OFF THE RECORD:

Lizzette is a millennial that got her first smartphone at 29 years old. She loves innovation and simultaneously is a big fan of the slow movement. She prioritizes quality over quantity, savoring the present moment, and fostering connections with people and the environment.



# LUISE FROHBERG

Born, Raised and Living in Germany (Leipzig)

### **EDUCATION:**

Diploma in Political Science — from University of Potsdam

PhD in Sociology with focus on political leadership, innovation, and technology from Humboldt University Berlin

Dr. Luise Frohberg is originally from Germany and holds a PhD in sociology, with her research focusing on political leadership, innovation, and technology. The focus of her dissertation was based on innovation in the public sector, social politics, and what it took to succeed in adoption and scale. She aimed to shed light on the key actors that drive innovation and the qualities that enable them to effectively transition their entrepreneurial mindset from problem spaces to solution spaces. Before moving into tech entrepreneurship, she led a prominent women's movement and worked in politics, advocating for gender equality and inclusive leadership.

Luise is now the founder and CEO of Taara Quest, an Al-powered platform that merges technology and social impact. Being a mother of four teenagers, she enjoys playing multiplayer Minecraft games with them. The idea for Taara Quest was born from those gaming sessions, where she saw the potential of interactive roleplay to foster learning and growth. Her work centers on using conversational AI to develop roleplaybased coaching, mentorship tools, and digital personas that support women in tech and leadership. Taara Quest creates interactive learning environments to help women build confidence, navigate power dynamics, and advocate for themselves in the workplace.

I want to see a world where women regardless of where they live, what they earn, or what language they speak—have the tools, confidence, and support systems to claim space, speak up, and lead with power and purpose. I'm driven by the vision of a world where women no longer internalize doubt or shrink to fit within broken systems, but instead shape systems that work for them. The world I want to help build is one where personal agency is amplified by technology, and where Al is not a distant, abstract tool but a deeply human one—accessible, contextual, and empowering. I want to dismantle the structural silence many women experience in their careers and create spaces where learning, failing, and growth can happen safely, iteratively, and without shame.

I believe that if we want lasting change, we need to start where it hurts—at the invisible, daily moments where women censor themselves, where talent is lost to self-doubt, and where brilliance is buried under social expectations. This is why I build Al tools that meet women not with lofty corporate jargon but with empathy, practice, and presence. I want technology that understands the cultural nuance of saying "no" in Southeast Asia, of advocating for your salary in East Africa, or of navigating a male-dominated boardroom in Berlin. The change I'm fighting for isn't only about more women in leadership positions—it's about giving every woman, regardless of her career path, the chance to explore, rehearse, and redefine how she shows up in the world.

Ultimately, I want a future where women don't have to wait for institutions to catch up or gatekeepers to say yes. Part of the motivation for my work is to enable a better future for my daughter as well. I want them to have access to always-on, affordable, culturally aware support that helps them grow into their voice and leadership—on their own terms.

#### OFF THE RECORD:

Luise has learned silversmithing and jewelry design from her mother and has gone on to make wedding rings for friends, family, and even herself!



# MARGARET WARREN

Born, Raised, and Living in the US (Florida & California)

#### **EDUCATION:**

Studied Computer Science/Computer Language Theory, Florida State University

Bachelor of Science in Information Systems from the University of West Florida

She has always been an artist and photographer, but also an archivist by nature—placing importance on metadata even at the age of seven. Inspired by an uncle who was an audio engineer, she developed an interest in electronics and began her career by joining the US Coast Guard at the age of 17 to become a Cryptographic Electronics Technician. After the Coast Guard, she ran a business doing hands-on networking, computing hardware and software programming, while studying computer language theory at Florida State University. In 2009, her life shifted gears when she took over management of GK Restorations, a company that restores vintage Porsche automobiles. While running the company from 2010 to 2017, she invested in her vision of building a semantic linked data platform for describing imagery on the web, which led to the creation of ImageSnippets— a system that stores image descriptions as knowledge graphs and supports data modeling and ontology engineering.

Today, Margaret is the CEO & CTO of Metadata Authoring Systems LLC (MAS), a human-centered technology consultancy positioned at the intersection of embedded metadata, knowledge graphs and data-centric Al. A key goal of MAS is the continual improvement and research into new and innovative ways to make even the most obscure things and concepts—especially those represented in images—discoverable. She is a technical advisor for Foto, a new social media platform for image sharing. She is a member of the IPTC photo-metadata working group. She is the primary organizer of a weekly learning group called the Dataworthy Collective, hosting talks and discussions among researchers and practitioners in linked data and ontological systems work.

We are currently awash in an ocean of both noise and signal; with waves of information reverberating all around us. Al systems in the form of LLM/GPT systems essentially compute the statistical likelihood of the next most likely thing, without any other basis for the truth or accuracy of the sentences they produce. Worse, they have no internal ways to discover when they are hallucinating a plausible-seeming but false answer. To be the change I want to see in the world means discovering how we can shift the Al mindset into one that is not just built on technology that parrots the noise we have created, or regurgitates muddled signals from the noise.

It is my belief that in the future, there will be a great value placed on being able to find original, accurate, provenancesupported digital assets. Assets that are currently hard to find because they are in the 'long tail' of findability. We need to graft a metadata framework onto statistical systems to provide traceable explanations, ensuring that Al tools are built on rooted signals with clearly defined sources, context, and intent. When metadata in particular is stored in computable semantic structures such as knowledge graphs, these graphs can be the key to making more reliable, accurate Al systems.

My work has centered on translating the visual experience – not necessarily video or still images per se, but more generally, how we describe what we experience visually – into a structured language.

Everything we experience through our

senses (whether visual, auditory, or through touch, smell, and taste) can be regarded as metadata. Telling a friend how much I am enjoying a hot cup of coffee is metadata about that experience. Even though we may not make it explicit, this metadata is important. It sets the context of how we are experiencing our lives and how we are going to describe it to others. This is why I strive to improve the data literacy of everyone using these systems so they understand ideas like metadata, how and why computer systems hallucinate, and why we need to stand up for accuracy, explainability and consistency.

### OFF THE RECORD:

Margaret is an accomplished artist. She regularly shows and sells her artwork in many galleries and they reside in numerous personal collections around the world. She painted her own Porsche 356 'art car'! Her personal website features a gallery of images that stay connected to their metadata and provenance through ImageSnippets.



# MELANIE PETERSON

Born, Raised and Living in the US (Pennsylvania → Florida)

#### **EDUCATION:**

Bachelor's of Education Degree in History from West Chester University of Pennsylvania with minors in Political Science and Holocaust Studies Melanie Peterson has been a senior leader in the Al Training space for several years and has been integral in -edge Al training data solutions to global clients operating across a broad range of industries. She has 20 years' experience working in the Al, SaaS, technology, and localization sectors in a variety of program, product, and project leadership roles.

Melanie has been very passionate about this Al Training space for many years being featured on several podcasts, panels, articles and presentations.

Melanie's work experience includes leading the TrainAl division for RWS, working for Amazon Web Services (AWS) where she was responsible for managing business operations to enhance the AWS customer experience and working onmulti-million-dollar Al data services and localization programs for both Lionbridge and Telus International.

Being the change I want to see in the world through the lens of Al means actively engaging with technology in a way that reflects my values and aspirations. Al has the potential to transform industries and improve lives, but it also raises important ethical questions. By advocating for responsible Al development, I strive to ensure that the technology we create prioritizes fairness, transparency, and inclusivity. This commitment to ethical standards is not just about mitigating risks; it's about fostering a culture where technology serves humanity, bridging gaps and empowering marginalized communities.

Moreover, being the change means embracing lifelong learning and adaptability. The rapid advancement of Al demands that I continually update my skills and knowledge. This journey of growth inspires me to not only improve myself but also to share insights with others, promoting a collective understanding of Al's potential. By mentoring and collaborating with diverse groups, I can help demystify AI and encourage innovative solutions that reflect a wide range of perspectives. This collaborative spirit is crucial in shaping Al technologies that are relevant and beneficial for everyone.

Ultimately, being the change I want to see involves envisioning a future where AI amplifies human potential rather than diminishes it. I believe that by prioritizing ethical considerations and fostering collaboration, we can create AI systems that enhance our lives and promote social

good. This vision motivates me to be an active participant in conversations about AI, advocating for policies and practices that align with a more equitable and just society. Through these efforts, I aim to contribute to a world where technology and humanity thrive together, transforming challenges into opportunities for growth and positive impact.

### OFF THE RECORD:

Melanie is a passionate
Philadelphia sports fan still
basking in the excitement of the
Eagles' Super Bowl victory! She
loves spending time with family
and friends by the beach; since
the ocean truly is her happy
place. Each summer, she makes
unforgettable memories in the
Florida Keys, diving for lobsters
and enjoying the beautiful
surroundings together.



# **MICHELLE YI**

From South Korea (Seoul), Living in the US (California)

#### **EDUCATION:**

Bachelor of Science in Computer Science from the Pontifical Catholic University of Valparaíso

Master of Science in Computer Science from Yonsei University

Michelle Yi is originally from Seoul, South Korea. She began university in the United States at the age of 13 and studied Computer Science. She spent 10 years at IBM Research, specializing in reasoning and language, and another 10 years on the applied side across consulting, startups, venture, and her own company. She also has a passion for solving societal problems with technology and is actively focused on supporting female founders in Al and bridging the funding gap.

Michelle's background is in Al research, starting in natural language, but also including work in computer vision and adversarial models. She is passionate about gender equity and diversity in tech, and is interested in bridging the VC funding gap. As such, she is serving on the board of Women in Data and cofounded Generationship with VC veteran Rachel Chalmers. She continues to do active research and advisory/consulting. One of her proudest achievements includes her work in applying computer vision to find patterns in breast cancer, a cause close to her heart.

## BEING THE CHANGE YOU WANT TO SEE IN THE WORLD

Experiencing poverty, homelessness, and lack of basic necessities first hand provided me with a stark understanding of systemic inequalities. Juxtaposed with living in a technologically advanced city like Seoul, yet in impoverished conditions, I uniquely grasped technology's dual nature as both a source of disparity and a tool for positive change. Access to free educational resources in Seoul's libraries and online became my springboard into computer science and AI, fueling focus on leveraging technology to drive equal opportunity in all parts of my career.

"Being the change" with my work in Al means proactively developing and deploying Al solutions that address societal challenges in inclusive ways, particularly those affecting vulnerable populations. This could involve both responsible Al practices more generally, as well as creating Al-powered tools for improved access to education, healthcare (like my work with the American Cancer Society), or financial resources for underrepresented groups. It also encompasses a commitment to innovating the business structures, venture capital mechanisms, and more in the Al space to structurally include more voices in the development and adoption of AI, which is desperately needed. I have embodied this across her entire career from starting "for good" operating models within larger companies, to implementing responsible AI practices in my own solutions, serving on the board of Women in Data, current work in

venture capital, or research in language and adversarial attack and defense.

Ultimately, I try to set an example to encourage others to consider our own roles in shaping a better world through Al. "Being the change" is not a passive aspiration, but an active commitment to using our skills and knowledge to create tangible improvements. For those in Al, this means consciously directing our efforts towards projects that promote social good, advocate for responsible Al practices, and work to ensure that the benefits of this technology are shared by all, regardless of their gender, background, or socioeconomic status.

# OFF THE RECORD:

Michelle speaks six languages (Korean, Japanese, English, Mandarin Chinese, Spanish, and Russian) and once played violin for the NY Philharmonic. Her favorite piece to play is the Vitali Chaconne. She has a passion for living life to the fullest, which she expresses through highspeed driving and motorcycling.



# RUPA CHATURVEDI

From India, Living in the US (California)

# **EDUCATION:**

Bachelor of Science in Physics from the University of Mumbai

Master of Science in Product Design from Stanford University

PG Diploma in Creative Leadership from THNK, Amsterdam

Rupa was born in India, raised in Nigeria, and has lived in California for over 20 years. Her career spans more than a decade at the intersection of design and emerging technologies, where she focuses on building Al-powered products that solve real-world problems. Her fingerprints are all over the AR/AI/ML/ Computer Vision consumer technologies we use today, including AR and Conversational AI enabled consumer experiences at Amazon and Uber. She has published over 18 patents in this space, teaches UX Design for AI applications at Stanford University and mentors startups. One of her proudest achievements was coaching a high school team to design and build a roadworthy solar car from scratch.

Currently, Rupa is building the Human-Centered Al Institute, a world-class Al education organization that has trained over 1,000 professionals from top tech companies across 18 countries. The Institute focuses on putting humans at the center of the Al paradigm shift, empowering professionals to create impactful Al solutions that prioritize human needs and values. She is also pioneering the future of healthy snacking through Vybe Snacks, where Al meets food science to revolutionize clean alternatives to traditional sugar-heavy products.

# BEING THE CHANGE YOU WANT TO SEE IN THE WORLD

Leading by example has always felt more like a responsibility than a choice— especially in a time when the direction of AI is still being written. At the Human-Centered AI Institute, we're not just teaching the future of AI—we're actively shaping it. Our work centers on a fundamental belief: AI should expand human capability, not render it obsolete. That belief comes to life through educational programs that foreground ethics, context, and responsibility—training technologists to ask not just can we build this, but should we, how should we, and who does it serve?

This commitment goes beyond theory. At Vybe Snacks, we're applying Al in one of the most fundamental areas of human life: food. By analyzing thousands of ingredient combinations, our Al systems help us craft healthier, more functional snacks—without compromising on taste or cultural relevance. But here's the nuance: Al helps us explore the possibilities, human expertise decides what's right. That balance is where true innovation lives.

Whether in education or product development, my focus remains the same: using AI to drive outcomes that are practical, principled, and people-first. We're building systems that not only solve real problems but do so with care—respecting privacy, honoring culture, and grounding decisions in lived human experience. In the long run, I believe the most enduring AI advances will come from this intersection of innovation and responsibility. A future where our tools

are powerful and thoughtful. Where progress is measured not only in speed or scale—but in impact, equity, and trust.

### OFF THE RECORD:

Rupa has lived and worked on five continents—growing up in Africa, moving to India, and then to North America, while also working in South America and Europe. She looks forward to checking the remaining continents off her list! Passionate about food, nutrition, and cultural intersections, you can often find her experimenting with traditional recipes and superfoods, always seeking willing taste-testers for her creations!



# SAKSHI MANGA

Born, Raised in Meerut, and Living in India (New Delhi)

# **EDUCATION:**

Bachelor's degree in Computer Science and Engineering from APJ Abdul Kalam Technological University

Master's degree in Business Administration (MBA) focused on Data Analytics from Manipal University Jaipur Sakshi Manga hails from New Delhi, India. With over 8 years of experience in the data science field, she has worked on diverse analytics projects across various domains, spanning machine learning model creation, exploratory data analysis, and transforming raw data into actionable insights. One of the moments she takes the most pride in is when students provide positive feedback on her teaching approach.

Currently, Sakshi is deeply focused on advancing her expertise in Artificial Intelligence (generative AI / LLMs) while also mentoring others through her passion for teaching data science. She oversees the entire project lifecycle, from scoping and planning to execution and delivery, ensuring alignment with objectives, timelines, and budgets. She has a solid background in NLP, computer vision, and advanced modeling, and has led projects in areas such as text analytics, claim fraud detection, quote prioritization, and subrogation using cutting-edge machine learning techniques.

# BEING THE CHANGE YOU WANT TO SEE IN THE WORLD

I want to see a world where AI is not just powerful but also fair, transparent, and ethical. That means building models that don't just optimize for accuracy but also for real-world impact—helping businesses make better decisions while ensuring fairness in finance, insurance, retail, and healthcare. AI should reduce biases, not reinforce them. If I want to see that change, I have to be part of it by designing and deploying models that prioritize accountability and inclusivity.

Change isn't just about building something and moving on—it's about constantly questioning and seeking improvement. I want to see AI that adapts responsibly, and that means monitoring its impact, refining it when it falls short, and advocating for ethical practices in my field. It's easy to chase efficiency, but real progress comes when we ask: Who benefits from this model? Who might be left behind? If I want AI to be more responsible, I need to push for fairness and transparency at every stage, from data collection to deployment.

At the end of the day, Al is only as good as the people who build it. I want to see Al being used not just for automation, but for meaningful change—helping detect fraud without unfairly targeting groups, improving healthcare access for all, and making financial tools more inclusive. If I want that future, I need to build it. Being the change means not just working on Al but making sure it works for everyone.

## **OFF THE RECORD:**

Sakshi is an avid tea enthusiast, and a good cup of tea is her secret to sparking creativity and solving problems. Sakshi runs on Indian-style tea with green cardamom—because every great idea needs proper brewing! If there's a problem, it's probably just time for another cup.



# SHAISTA HUSSAIN

From South Africa, Living in Saudi Arabia (Riyadh)

### **EDUCATION:**

BS in Kinesiology from University of Michigan

BS in Medicine and Surgery from the Royal College of Surgeons in Ireland

Master of Science in Clinical Pathology from the Gulf Medical University

Certificate in Clinical Research Practice for Diagnostics from Harvard Medical School

Certificate in Blockchain & Cryptocurrency from the Blockchain Council

Certificate in CRISPR: Gene-editing from Harvard University

Certificate in Artificial Intelligence in Healthcare from MIT Sloan School of Management

Certificate in Evaluating Al Agents and Safe & Reliable Al via Guardrails from Deep Learning

Certificate in ML Engineering from FourthBrain

Dr. Shaista Hussain was born in South Africa and is now a permanent resident of Saudi Arabia. She has a medical board certification in clinical pathology, with expertise in medical research, machine learning, deep learning, and cloud & Al cybersecurity. As a clinical pathologist and machine learning engineer, Shaista has developed many diagnostic models that reduced diagnostic time and increased diagnostic accuracy far beyond current human capability (when data was responsibly, comprehensively annotated, and adequately weighted for bias).

Dr. Hussain has a hyper fixation on ground truths and pattern recognition, which was satiated by the study of pathology and similarly in machine learning engineering. Her career into ML Engineering was fueled by the realization that well designed algorithms are capable of executing health care diagnostics with high accuracy and more efficient turn around times, removing the element of human error which plagues health care delivery today. She is focussed on the efficiency and safety of these models and therefore developed SAIF CHECK to be a simple, usable tool for all industries employing AI to be able to have confidence and responsible reliance on machine outputs.

# BEING THE CHANGE YOU WANT TO SEE IN THE WORLD

All life is in a constant state of change. To be in flow with the waves of natural change, one must be willing to change, to grow, to adapt and to thrive. As the world embraces the digital revolution, and largely becomes intertwined with digitization at even a personal level, humans are evolving alongside a new thinking species.

To create impact, we must effect a positive frequency on these changes, which I am doing by promoting responsible AI design, development and practice. This can be achieved through public education the way that SWARM is delivering online venues for receptive audiences; it can be achieved through vocalizations the way we participate in SWARM podcasts and conferences; it can also be achieved through the application of tools like SAIF CHECK's assessments that make adoption and adaptation easier and more intuitive.

The change that I hope to contribute to and to see is one of light, positivity and hope for a safer and more humane future, which I believe machines will empower us to do more efficiently. I hope to see a future where machines, humans and all living species are supported to express their full, useful potential towards a more productive, interactive and loving greater whole.

# **OFF THE RECORD:**

Shaista draws her inspiration to preserve the environmental ecosystem from her love for animals and particularly finds that her passion for cats teaches her on a daily basis how to love, be humble and patient as well as to receive unconditional love. She has found that the pure communication of intention and genuine love with her kittie cats has illustrated how to transcend complexities and find beauty in simplicity.



# SRUTHI RADHAKRISHNAN

From India, Living in Germany (Stuttgart)

# **EDUCATION:**

Bachelor of Science in Computer Engineering from KPR Institute of Engineering and Technology (Anna University)

Master of Science in Information Technology from the University of Stuttgart Sruthi Radhakrishnan is a passionate professional with expertise in computer vision, machine learning, MLOps, graph data science, and software traceability. Her journey in Al began in 2017 with a project focused on detecting Diabetic Retinopathy in medical images, where she discovered the cross-cutting potential of Al across multiple domains. Since then, she has applied her expertise to tackle a wide range of real-world challenges. Her work in computer vision involves applying algorithms for object detection, image segmentation, and posture/gesture recognition.

In addition, Sruthi is skilled in graph data science, having worked extensively with graph databases and developed a robust understanding of network analysis and visualization techniques. This expertise has enabled her to create graph-based applications that deliver valuable insights, particularly in the area of software traceability for cyber-physical systems such as automobiles and aerospace, also contributing to high-end research projects in academia. Sruthi focuses on using Aldriven technologies to help businesses better understand their data and make informed decisions. She develops proofof-concepts to gather user feedback, optimize processes, and ensure proper data handling, ultimately transitioning solutions to production that improve overall efficiency. She regularly participates in conferences and workshops to deliver talks and network with peers.

# BEING THE CHANGE YOU WANT TO SEE IN THE WORLD

To be the change I want to see in the world, first and foremost means to build solutions that improve the lives of people. I think that the United Nation's 16 sustainable development goals can be attained much faster using Al. Whether this means building tools that make healthcare more accessible or creating solutions that bring a positive impact in any industry, it's about aligning Al technological skills with the values in your life that put a focus on making lives better for humanity.

By intentionally developing fair, transparent, sustainable, and inclusive Al systems whether it is academia or industry, we are actively shaping the world we live in. Having a shift-left mentally, proactively designing responsible systems reduces bias and promotes more inclusive technology. I choose to put my faith and optimism that we will live in a brighter future that will pave the way for generations to come, indulged in pursuing "accessible and responsible tech" and not just "tech".

The most important part of effecting this change is in placing humanity at the heart of every technological decision. This includes sharing knowledge openly, collaborating with others, and inspiring ethical thinking within the broader community. Hopefully, the road to that journey is pleasant and we have fun all the way handling varied perspectives.

### **OFF THE RECORD:**

Sruthi has been a devoted student of Yoga since she was 9 years old. Now, she is ready to return to her roots and build a community of like-minded individuals who are eager to explore and grow together as she pursues her Yoga Teacher Training. Doodling is fun and she loves to adorn a clean sheet of paper with creativity.



# STEFANIA PECORE

From Italy (Catania), Living in Canada (Quebec)

# **EDUCATION:**

Bachelor of Science in Foreign Languages and Translation from the University of Catania

Master of Science in Programming for Machine Learning and Technical Translation from the University of Strasbourg

Master of Science in Natural Language Processing from the University of Lille

PhD in NLP from the University of South Brittany (France)

PostDoc in Artificial Intelligence from the University of Ottawa

Dr. Stefania Pecore began her journey with an Italian university degree in foreign languages, recognizing the need for inclusive communication when language barriers exist. She pursued a learning specialization in AI and automatic translation, and subsequently pursued higher education, obtaining a master's and Ph.D. in computer science, programming, and natural language processing in France. She pursued 2 years of postdoctoral research in Al applied to Mental Health disease tracking. Driven by a passion for leveraging technology to enhance communication, Stefania has assisted enterprises across diverse sectors by integrating NLP and Al solutions into their products.

She is a mentor and fierce advocate for women pursuing STEM, holding positions as a Google Women Techmaker, Women in AI, and Women in Games Ambassador, and in 2024 became the Executive Director of Women Techmakers Montréal. She was also appointed as an Al Expert for UNESCO's Women4Ethical Al program and she's opening the Canadian chapter in Montreal with the other Canadian Al experts. Currently, she is creating Alpowered tools to assist different clients for their daily tasks, from content creation to shaping data in a way that is easily digestible and reusable, accelerating the company's knowledge derived from data and productivity.

## BEING THE CHANGE YOU WANT TO SEE IN THE WORLD

I envision AI as a powerful tool for fairness, actively combating biases by revealing hidden patterns in data and educating us on our blind spots. This technology should illuminate what we might otherwise miss, fostering a more equitable understanding of the world. As humans we have geographical and memory limits, with AI we can create visualization and data patterns - change our vision of the world and bring our point of view to the other people, aiming for an inclusive and complete landscape of what is around us.

In healthcare, AI can liberate professionals from administrative burdens, allowing them to focus entirely on patient care. Imagine AI streamlining tasks, freeing up valuable time and energy for the human connection that is essential for healing. AI should be a supportive partner, enhancing the abilities of medical experts.

Beyond practicality, I see AI as a source of joy and accessible learning. By making education engaging and fun, AI can unlock potential and democratize knowledge. Crucially, AI should always be a companion, an empowering extension of human capabilities, never a replacement for our emotional intelligence and inherent skills. We wield AI to amplify our strengths, not to surrender our agency.

## **OFF THE RECORD:**

Stefania loves cats. She admires their patience and way of observing the world! She joined the world of Computer Science due to her passion for music: as a singer, she began playing with music software when she was 10 years old, and now she is in love with Al music tools because they make the world of music more accessible to everyone.



# SVENJA WENDLER

Born, Raised, and Living in Germany (Herten)

# **EDUCATION:**

Diploma Degree in Computer Science and media technology at the Westphalian Technical College, Gelsenkirchen, Germany Svenja Wendler is a team lead specializing in Marketing and Project Management. She has expertise in various fields, including Java programming and modeldriven software development. She is proud of the articles she has published, presentations she has delivered, and most especially the thesis she wrote in 2006 regarding association rules applied to internet traffic to find anomaly patterns. Since writing her thesis the world has sprung forth further and feels faster. Especially regarding machine learning technologies. Though she has spent her time working in different areas like nonmachine-learning software development and project management, she never lost her fascination with data science.

When she joined a research project in 2021, she met Sruthi Radhakrishnan, and as a result had the chance to reconnect with machine learning. Together, they have investigated improving requirements engineering, with an emphasis on requirements management. They published an article about their work in the IT-Spektrum (German IT-Magazine). Svenja recently began using and integrating AI services into her operations, having discovered first-hand that combining machine learning with modeldriven software development techniques yields reliable and performant services. With a special focus on sustainability and open source, she continuously investigates related developments.

# BEING THE CHANGE YOU WANT TO SEE IN THE WORLD

Breaking down language barriers between cultures has been a grand dream of our species since time immemorial. I believe that the logical capabilities of artificial intelligence can lead to better intercultural and interlinguistic understanding. Currently, I see the development somewhat divided. There are AI evangelists and AI opponents - and many people who harbor fears.

I want to balance and harmonize these opposites. A little less AI hype and a little fewer doomsday scenarios - instead, a clear view and sufficient background knowledge to be able to assess developments with and around artificial intelligence. That is my goal.

Furthermore, I'm fascinated by AI applications and love testing, optimizing, and working with them - including smaller, focused models that run locally - because I also keep a critical eye on the sustainability of AI.

## **OFF THE RECORD:**

Svenja was born on March 14th (pi day), exactly 100 years after Albert Einstein. When she is not innovating in the space of Al, she enjoys spending time with her two kids, like going to the park for ice cream or going roller blading.



# TEODORA PETKOVA

Born, Raised, and Living in Bulgaria (Sofia)

# **EDUCATION:**

Bachelor of Art in Classics and Classical Languages, Literature and Linguistics from the Sofia University St. Kliment Ohridski

Master of Art in Creative Writing from the Sofia University St. Kliment Ohridski

Doctor of Philosophy in Media and Communications from the Faculty of Journalism and Mass Communication at the Sofia University St. Kliment Ohridski Dr. Teodora Petkova is an expert and spelunker in the crucial link between knowledge management, SEO strategies, content creation, and the underlying enterprise information plumbing that makes it all work. Her experience extends to marketing communications, web content optimization, and the intricate world of intertextuality. She is particularly proud of authoring two books, "The Brave New Text" and "Being Dialogic" that delve into these complex topics as well as her significant contributions to the Graphwise Knowledge Hub. She actively lectures and shares her perspective on creating meaningful dialogic experiences through the development and deployment of content in the semantic web.

Currently, Teodora is actively working on several key projects: bringing her book, "Being Dialogic," to print; developing a series of insightful posts exploring the synergy between Content and Knowledge Graphs; and, within Graphwise, focusing on building the Graphwise Knowledge Hub. This knowledge hub will encompass enterprise knowledge, empowering various types of stakeholders to access and leverage it effectively. Through this work, she is redefining the functionality and design of "search capabilities" on their website, leveraging a knowledge graph to provide explainable and informative answers generated by ChatGPT.

# BEING THE CHANGE YOU WANT TO SEE IN THE WORLD

For me, being the change I want to see in the world through the lens of AI is definitely being dialogic. Being dialogic means being open and doing the extent possible for you, to accept different perspectives in your own worldview. We need more improper logic and disruption in the field of AI from the human element; making mistakes, being vulnerable, and following your curiosity. Strictly doing formal things without experiments strips us of the bliss of not knowing.

To me the change I want to see in the world is not about artificial intelligence. I truly believe what will make a difference is the connections we will be able to bring to the table in our work and life. Al is magnifying the work that springs from co-orienting creative forces. The more we magnify, the more connections and disconnections we will become aware of and resolve. The change I want to see in the world is about us communicating through the beautiful socio-technological phenomenon we have, called the web, and that communication should happen with elaborate care. And by care, I mean mindfulness regarding the interconnectedness any communication artifact exists within.

I strive to be a truthful node building type, linking to nodes, not only in knowledge graphs from my domain, but also with those in knowledge graphs from other domains. I don't want to close my eyes for obvious intersections with other people, seeing through intentions and functions rather than static labels forming the vulcanized vocabularies of

different societies. The change I want to see in the world is the unexpected connectivity between domains which will take us to another level of knowing, doing, and being.

### OFF THE RECORD:

Teodora only made banana bread once (It's true, she might not do it again)! She will be celebrating the 40 year anniversary with her dance school by dancing a song about a Spanish bullfighter, "A torero". However, the twist in the dance is that the bullfighter is not conquering bulls, but rather ladies, ole!



# THRUSHNA MATHARASI

From India (Hyderabad), Living in the US (Texas)

# **EDUCATION:**

Bachelor of Science in Electrical, Electronics and Communications Engineering from Jawaharlal Nehru Technological University

Master of Science in Engineering from the University of Bridgeport

Certificate in CORe - Business Analytics, Economics and Financial Accounting from the Harvard Business School

Thrushna Matharasi brings extensive expertise in data engineering, AI, and big data analytics, driven by her passion for transforming raw information into meaningful insights that solve real-world problems. Her career reflects her belief that technology should enhance human capabilities rather than replace them, guiding her approach to AI and machine learning as tools that augment human decision-making and create more value for everyone involved. She developed a unified GPS position solution not just as a technical achievement, but to create a single source of truth that empowers organizations to make better-informed decisions based on accurate location data.

Currently, as Director of Engineering, Data & Al at Solera Holdings, Thrushna leads initiatives that go beyond technical implementation—she's motivated by the desire to improve safety and efficiency in transportation systems. Her work on machine learning models analyzing driver and vehicle behavior patterns stems from a commitment to making roads safer while helping businesses operate more efficiently. By building a Unified Data and Analytics Platform across company acquisitions, she seeks to break down information silos, believing that when data flows freely, innovation accelerates and organizations can better serve their customers and communities.

# BEING THE CHANGE YOU WANT TO SEE IN THE WORLD

In my journey from reporting analyst to leading diverse teams across continents, I've learned that being the change you want to see in the world means embracing both technological advancement and human connection. When we integrate Al and machine learning into our daily operations, the true transformation happens not when we perfect algorithms, but when we use them to solve real human problems. Whether optimizing device installation success rates or developing analytical tools for safer driving in adverse weather, the most meaningful work happens when we approach Al not just as a technical challenge, but as a means to create safer, more efficient experiences for real people navigating their daily lives.

The path to meaningful change requires balancing innovation with responsibility. As someone who has implemented data security automation and led GDPR compliance initiatives, I've seen firsthand how trust is the foundation of technological advancement. Being the change means recognizing that every line of code, every predictive model, and every automated process carries ethical implications. When we design Al systems that respect privacy, promote fairness, and enhance transparency, we create a future where technology serves humanity rather than the reverse. This mindful approach to innovation doesn't slow progress—it ensures that progress moves in a direction aligned with our collective values and wellbeing.

Perhaps most importantly, being the change in an Al-transformed world means sharing knowledge generously. Through mentoring individuals across five countries and reviewing research for leading conferences, I've discovered that technological advancement flourishes in environments of collaboration rather than competition. The most powerful impact comes not from building Al systems in isolation, but from empowering others to contribute their unique perspectives to how technology evolves. When we approach Al development as a collective human endeavor — embracing diverse viewpoints, encouraging critical thinking, and passing on what we've learned we create ripples of positive change that extend far beyond what any single innovator could accomplish alone. This is how we build an Al future that truly works for everyone.

# **OFF THE RECORD:**

Thrushna's favorite fruit is mango, and she owns a mango farm in her home country.



# VERONICA PATERNOLLI

Born, Raised, and Living in Italy (Verona)

# **EDUCATION:**

Bachelor of Law in Labor Consulting from the University of Padua

Master of Law in Technology and Sustainable Innovation from the University of Verona

Doctor of Philosophy in Computer Science from the University of Verona Veronica Paternolli is a jurist who has chosen to supplement her legal academic training with a PhD in computer science, currently carried out at the Department of Informatics of the University of Verona within the framework of the European programme PNRR (next generation eu programme, mission 4, component 1, cup B31l23000830004). The aim of her research is to translate complex legal reasoning into clear and formally comprehensible operational rules from a computational point of view. Specifically, the research focuses on the intersection between new technologies and civil law, with a particular focus on the civil construction sector and the application of Artificial Intelligence. In parallel, she is exploring the limits of the Fairness principle in Artificial Intelligence systems, with the ambition to develop more ethical, responsible and socially compatible technological models.

Veronica is interested in exploring the concept of responsibility in relation to new technologies and the field of legal formalism, with the aim of clearly defining the boundaries and implications of legal and social responsibility in emerging technological solutions. She collaborates with the innovative startup BuildTrust, where she explores the revolutionary potential of Smart Contracts to simplify complex processes, improving transparency and efficiency in the management of large engineering projects. Her passion for technological innovation consistently drives her toward discovering sustainable solutions that harmonize cutting-edge progress with social responsibility.

# BEING THE CHANGE YOU WANT TO SEE IN THE WORLD

For many scholars, Artificial Intelligence systems reflect the very definition of human nature, yet fundamentally differ due to the absence of consciousness and judgement. Consequently, seeing the world through the lens of Al should only be rooted in those aspects where the human needs technical support, clearly framing digital algorithms as practical tools. This is an approach that humans must engage with in full mindfulness.

Understanding the operation of Al and its positive and negative repercussions in the social sphere can only be analysed through a holistic approach, combining computer science techniques and tools, legal principles and philosophical and ethical theories. This is the pivotal approach to understanding when an algorithm fails, for whom it fails and what the social repercussions of this failure are. Thus, law, in particular, assumes the role of a guide in a field where the builders are more focused on constructing these artefacts for no reason, rather than understanding their expression from a social point of view.

My role is to insert the deontological approach into the world of new technologies, guiding their development as a woman so that errors are not then effectively entrenched in human existence. Therefore, let us embrace social change on this fascinating, long, and winding journey into the world of algorithms, savoring its new perspectives and enriching its foundations with thoughtful inquiry and conscious awareness.



# **OFF THE RECORD:**

Veronica wanted to become a professional swimmer. She opted to swim through legal textbooks instead.

# Infused Voices: Al & I at Work

"Al has the power to transform the world—but only if we build it with intention. My work is about making Al not just innovative, but ethical, responsible, and truly impactful. I want to see Al used to solve real problems, create opportunities, and empower people, not just fuel hype. If we get it right, Al can be a force for good—driving progress, shaping fairer systems, and unlocking potential for businesses and society alike."

"You have power and a choice embrace the responsibility that comes with it. Define the principles and values that guide the AI you create. Assess the potential harms and impacts of your models, ensuring they align with ethical and responsible practices. What kind of AI do you choose to build?"

# Ayşegül Güzel

"My work is important because I empower organizations with the knowledge and tools they need to effectively communicate with the world, which is a key to enhancing human potential and developing meaningful AI experiences. These experiences streamline and enhance people's lives by enabling greater productivity, creativity, and connection."

# Amy Raygada

"I believe my work in the field of AI is important in bringing awareness and fairness to the use of AI technology, echoing Angela Davis's words: 'I am no longer accepting the things I cannot change. I am changing the things I cannot accept."

Anastasia Karagianni

Beatrice Gamba



"Wellness and resilience in the digital polycrisis are key to self-care but they also create space for adaptability, ethical awareness, and reclaiming our agency in our world of constant disruption."

"Al is shaping the future but without governance it risks reinforcing the past. My work ensures that Al serves humanity fairly, ethically, and without exclusion."

Clara Hawking

"The future isn't a place we arrive at,

but a reality we create. What we

wisdom, and ethics as much as

imagine today shapes the world of

tomorrow—Ál, like all great tools of

change, must be guided by curiosity,

### Cha'Von Clarke-Joell

"My work is deeply involved in enabling personalized care by collaborating with global mental health professionals to ensure evidence-based interventions. There is an active effort to destigmatize support within communities. At the heart of it all is Artificial Intelligence—making mental health assistance accessible to anyone, anywhere. It's a scalable model for global impact, proving that technology can be a powerful force for healing and resilience."

innovation."

Elle Farrell-Kingsley

"Prompting is not just for answers, but for insight—into AI, the world, and yourself."

Clara Kaluderovic

Elsa Sklavounou

"We're living in a moment when global power is being reshaped by AI in real time, and my work in AI literacy training is about ensuring that all women—even those who've never written a single line of code—understand that their voices, experiences, and expertise are vital and that they know the what, how, and why to contribute to shape our AI future. AI is a power game, so it is important to learn how to grab power and wield it responsibly, for the betterment of our communities and world."

**Emily Springer** 

"Al is no longer the future, it's the present. And in our hands, it can become a powerful tool to tackle some of the world's biggest challenges. But because it learns from us, we must be intentional: What are we teaching it? And to what end? If we're facing exponential problems, let's build exponential solutions with technology as our ally, and responsibility as our guide."

Floretta Mayerson Troyce

"As an e-commerce ontologist, I utilize Al to create ontologies that help organize and categorize data, improving search functionality, recommendation systems, and inventory management."

### Garima Gujral

"Al without Ethics is power without wisdom; our mission is to ensure that Al innovation elevates humanity rather than endangers it"

# Gayathri Devi B R

"My work in AI is important because data has the power to transform the world. Artificial intelligence enables us to find patterns, generate insights, and make smarter decisions, impacting everything from science to society. I believe that when used ethically and inclusively, AI can create a fairer and more innovative future for everyone."

Gladys Choque Ulloa

"Al ethicists are the future of Al. The dearth of Al ethics is the death of responsible Al. As an academic, I work in the area of Al ethics, harnessing the theoretical underpinnings of moral philosophy to the Al domain. My work intersects ethics, social epistemology, and gender philosophy, with a research focus on the ethics of artificial intelligence."

"We often rely on popular online information resources for facts, and as AI systems continue to evolve, they are poised to replace these resources for many people. As a result, my work aims to enhance the accuracy of the information they provide so that we have reliable information to trust."

# H. Titilola Olojede

"I devote my work on Explainable AI systems from both a managerial and technical perspective, focusing on linking the two together within the field of AI capabilities because AI technology requires a value-driven approach for effective business integration. Responsible AI frameworks empower people to adopt tech and maximize benefits, safely."

Irina Filitovich

"Learning AI is a personal journey—like fire, once feared but later mastered, it's up to us to shape its responsible use. Instead of creating barriers, we need to open doors, meet people where they are, simplify the complex, and empower people to embrace AI with confidence."

Honey Yadav

Jess Mendoza

"Once demystified, knowledge management emerges as a practical discipline with codified methodologies and processes, standing on the shoulders of a tradition more than 3,000 years old. Knowledge is power, and we can all help create reliable, fact-based information networks. The reliability and truthfulness of AI depend on collaborative efforts to curate and build robust knowledge-management systems."

Jessica Talisman

"Artificial intelligence is an omni-use technology and a strategic capability. Leaders and companies must make decisions that are suitable based on their purpose, culture, and strategic objectives. The key is in a comprehensive approach. Success requires us to keep humans at the center of what we do, and balancing between responsible deployment and the management of associated risks."

**Jovita Tam** 

"Especially in the realm of AI, I see a need for more hopeful and engaging narratives about technology so people feel empowered with the agency to act and not only be acted upon."

### Kasia Kaminska

"We need to make conscious decisions about the AI Narratives we're broadcasting - those stories become reality sooner or later. By mapping out current mental models of AI I showcase the frame of reference in which solutions of tomorrow will be built."

### Kasia Zaniewska

"I grew up in the Philippines, where the BPO industry has lifted millions into the global economy—yet now faces disruption from Al. I believe Al will not just replace jobs but create new opportunities. My mission is to help workers transition, upskill, and thrive in this new Al-driven world, ensuring technology empowers people rather than displaces them."

Katrina Montinola

"Al has the potential to uncover hidden risks, strengthen resilience, and enable more sustainable decisions in an increasingly complex world."

## Leonie Engemann

"Artificial intelligence has the potential to deepen existing biases and discrimination in society, or if used responsibly, it has the potential to level the playing field."

### Lizzette Soria

"My work is about making AI a tool for everyday courage—so that more women can speak up, lead, and reshape the systems that weren't built for them."

Dr. Luise Frohberg

"Scaling the world's digitally produced materials into statistically derived conversation systems and calling it 'Artificial Intelligence' is not going to help humanity, without integrating grounded metadata and explainable methods of reasoning into these systems."

# Margaret Warren

"Training in AI is essential because it empowers us to harness the potential of technology, enabling innovation and human input while being responsible stewards of data. This ensures that we navigate the complexities of the digital age ethically and effectively"

Melanie Peterson

"Dr. Fei-Fei Li put it best when she said that AI will have an incredible impact on the way we live and work, but not everyone will benefit if we don't change how AI is engineered, who engineers it, and who invests in it, 'If we make fundamental changes to these things, then AI is a force for good. If not, we are leaving a lot of humanity out of the equation.' This is exactly why I do work in adversarial research, language, and venture capital, and always with a broader societal lens."

"The work I do transforms vast amounts of data into actionable insights, helping industries like insurance, finance, retail, and healthcare make smarter, faster, and more accurate decisions. By building, deploying, and monitoring machine learning models, I contribute to improving risk assessment, fraud detection, customer experience, and even patient care—ultimately driving efficiency, innovation, and better outcomes for businesses and individuals alike."

### Michelle Yi

"I believe in a future where technology uplifts humanity rather than diminishes it. My work in AI is driven by a deep conviction that we must humanize technology, ensuring it serves as a bridge to connect, empower, and elevate people. By actively shaping technology instead of letting it shape us, we can create solutions that honor human values and enhance our collective potential. This is why I dedicate myself to building AI systems that put humans first - because technology should be a force for positive transformation in our world."

Sakshi Manga

"With the great potential of AI technology comes great risk that must be mitigated responsibly."

Dr. Shaista Hussain

"This journey is driven by passion and the belief that AI innovation can truly improve lives. I am committed to harnessing the full potential of data by developing robust, AI-powered solutions that deliver meaningful insights and help build a stronger, better community."

Rupe Chaturvedi

Sruthi Radhakrishnan

"I build AI with a world view, because solutions that work for everyone, start with understanding everyone."

### Dr. Stefania Pecore

"I connect pieces - I collect ideas, components, use cases from various areas, branches and and change the context to create something new. I drive innovation, by awakening enthusiasm and curiosity in my circles. One example is permaculture which has been my private hobby for years. Whenever we talk about sustainable AI we can benefit and learn from permaculture principles."

"Working in AI isn't just about building algorithms—it's about creating tools that extend our human capabilities to solve problems we couldn't tackle alone."

Thrushna Matharasi

# Svenja Wendler

"Al is not an automagical way that will resolve what was unresolved in the socio-cultural and technical strands our texts are woven of. It is the use of text to create a shared space that can help us go beyond the known edge of knowledge where a text becomes statistically improbable."

"A legal perspective is essential to fully understanding the social implications of Al."

Dr. Veronica Paternolli

Dr. Teodora Petkova

# What Skills are Required?

Given that the term "Artificial Intelligence" is inherently vague and encompasses a wide range of diverse technologies, individuals must cultivate a combination of general attitudes, soft and hard skills, as well as specific technical expertise and domain knowledge.

It's important to note that while the term "AI" includes "Artificial" first and "Intelligence" second, the true priority of these words is reversed. To fully leverage the potential of AI, you must first develop and harness your own human intelligence, and then express that intelligence through the creation and application of artificial representations.

Alongside technical and cognitive capabilities, equal if not greater emphasis must be placed on cultivating ethical and responsibility frameworks. These must be continuously upheld and refined to safeguard against misuse, harm to self and communities, environmental damage, bias amplification, misinformation, and other potential negative consequences.

In order to see where you stand in your knowledge of AI, scan the QR code below or copy and paste the URL link to visit the skill assessments page\*.



https://docs.google.com/presentation/d/1phbUmRaEDvFMjE4qcHNnh9TqDD0MKNGmXUTZ87jLYLY/edit?usp=sharing

## **HUMAN INTELLIGENCE:**

Domain expertise cannot readily be replaced or replicated by machines.

# **GENERAL ATTITUDES:**

To be Al-ready, you must adopt relevant attitudes toward technology and continuous learning, given the ongoing advances in research, development, and application of these technologies.

# **SOFT SKILLS:**

There are valuable soft skills that enable you to adapt and thrive within the broader ecosystem of artificial intelligence. Given that the pace of expansion and adoption is faster and broader than any one individual can fully track, specialization becomes a natural path—both for making a greater impact in the world and for achieving deeper satisfaction in your career.

# **HARD SKILLS:**

There are essential hard skills that enable anyone exploring Al technologies to engage more effectively and productively. Strategically investing in the improvement of these skills is an excellent way to deepen your involvement in the learning process.

# **TECHNICAL SKILLS:**

Technical skills enable you to perform work and secure employment in the real world. We list them last because they represent the culmination of being able to solve task-specific problems. In contrast, soft and hard skills are transferable, meaning they can be applied across any project or domain.

A key benefit of the contributors' collective knowledge is the curated list of shared learning resources, events, and communities.

Many accessible and affordable options are available, ranging from free to low-cost. Whether you prefer self-paced, asynchronous learning or engaging with groups of like-minded individuals dedicated to acquiring specialized skills and knowledge, we have compiled a rich directory spanning multiple formats.

If there is one takeaway for anyone willing to pursue this field, it is this: you simply need to reach out and grasp the fruit from the tree of knowledge.

# Online Courses

**Andrew Ng courses** (<a href="https://www.andrewng.org/">https://www.andrewng.org/</a>) – Foundational courses, including "Machine Learning" and "Deep Learning Specialization".

MIT OpenCourseWare (https://ocw.mit.edu/) - Free courses from MIT.

MIT xPRO (<a href="https://xpro.mit.edu/">https://xpro.mit.edu/</a>) – Professional AI courses from MIT.

**Harvard Extension School** (<a href="https://extension.harvard.edu/">https://extension.harvard.edu/</a>) – Al and technology-related online courses.

**Coursera** (<a href="https://www.coursera.org/">https://www.coursera.org/</a>) – Offers courses on a wide number of topics

edX (https://www.edx.org/) - Certifications from reputable institutions

**Udacity** (<a href="https://www.udacity.com/">https://www.udacity.com/</a>) – Nanodegree programs in AI, ML, and Data Science.

**DataCamp** (<a href="https://www.datacamp.com/">https://www.datacamp.com/</a>) – Courses including Data Scientist Bootcamp.

Fast.ai (https://www.fast.ai/) - Practical Al courses for beginners.

**DeepLearning.AI** (<a href="https://www.deeplearning.ai/">https://www.deeplearning.ai/</a>) – AI and ML training.

Google Al Education (<a href="https://ai.google/education/">https://ai.google/education/</a>) – Free Al resources.

**Stanford Al Courses** (<a href="https://online.stanford.edu/">https://online.stanford.edu/</a>) – Al and ML courses, including professional development.

**BABL Al Auditor Certificate Programme** (<a href="https://babl.ai/ai-and-algorithm-auditor-certificate-program/">https://babl.ai/ai-and-algorithm-auditor-certificate-program/</a>) – Al auditing and governance.

**Pluralsight** (<a href="https://www.pluralsight.com/">https://www.pluralsight.com/</a>) – Courses in Al, ML, and data science for all proficiency levels.

**Udemy** (<a href="https://www.udemy.com/">https://www.udemy.com/</a>) – Wide range of AI and ML courses, from beginner to expert.

# Research Papers

**Computing Machinery and Intelligence** (<a href="https://courses.cs.umbc.edu/471/papers/turing.pdf">https://courses.cs.umbc.edu/471/papers/turing.pdf</a>) – Proposes the Imitation Game (Turing Test) and frames the central question "Can machines think?" for AI.

Steps Toward Artificial Intelligence (<a href="https://incompleteideas.net/papers/Minsky60steps.pdf">https://incompleteideas.net/papers/Minsky60steps.pdf</a>) – Early high-level survey that organizes core Al problems and methods, shaping the agenda for symbolic Al.

A Framework for Representing Knowledge (<a href="https://courses.media.mit.edu/2004spring/mas966/">https://courses.media.mit.edu/2004spring/mas966/</a> Minsky%201974%20Framework%20for%20knowledge.pdf</a>) – Proposes "frames" as structured knowledge representations for everyday reasoning

STRIPS: A New Approach to the Application of Theorem Proving to Problem Solving (https://ai.stanford.edu/~nilsson/OnlinePubs-Nils/PublishedPapers/strips.pdf) – Establishes a planning formalism and language that became foundational for classical AI planners.

A Formal Basis for the Heuristic Determination of Minimum Cost Paths (<a href="https://ai.stanford.edu/~nilsson/OnlinePubs-Nils/PublishedPapers/astar.pdf">https://ai.stanford.edu/~nilsson/OnlinePubs-Nils/PublishedPapers/astar.pdf</a>) – Introduces A\*, the dominant heuristic search algorithm for goal-directed problem solving

A Machine-Oriented Logic Based on the Resolution Principle (<a href="https://dl.acm.org/doi/10.1145/321250.321253">https://dl.acm.org/doi/10.1145/321250.321253</a>) – Presents resolution and unification, powering automated theorem proving

A Logic for Default Reasoning (<a href="https://www.horty.umiacs.io/courses/readings/reiter-default-1980.pdf">https://www.horty.umiacs.io/courses/readings/reiter-default-1980.pdf</a>) – Formalizes non-monotonic "defaults," enabling commonsense inferences under incomplete information

A Translation Approach to Portable Ontology Specifications (<a href="https://tomgruber.org/writing/ontolingua-kaj-1993.pdf">https://tomgruber.org/writing/ontolingua-kaj-1993.pdf</a>) – Defines how to build sharable, system-independent ontologies (Ontolingua), central to knowledge engineering

A Theory of the Learnable (<a href="https://dl.acm.org/doi/pdf/">https://dl.acm.org/doi/pdf/</a> 10.1145/800057.808710) – Launches PAC learning, giving a rigorous foundation for when generalization from data is possible

Graphical Models, Exponential Families, and Variational Inference (https://www.cs.columbia.edu/~blei/fogm/2023F/readings/WainwrightJordan2008.pdf) – Unifies probabilistic graphical models and variational methods for scalable reasoning under uncertainty.

Causal Diagrams for Empirical Research (<a href="https://ftp.cs.ucla.edu/pub/stat\_ser/r215.pdf">https://ftp.cs.ucla.edu/pub/stat\_ser/r215.pdf</a>) – Introduces modern causal graphs and do-calculus ideas to formalize intervention and causal reasoning

Planning and Acting in Partially Observable Stochastic Domains (<a href="https://people.csail.mit.edu/lpk/papers/aij98-pomdp.pdf">https://people.csail.mit.edu/lpk/papers/aij98-pomdp.pdf</a>) – Brings POMDPs to Al planning, formalizing optimal action under uncertainty and partial observability

**Deep Learning** (<a href="https://www.cs.toronto.edu/~hinton/absps/">https://www.cs.toronto.edu/~hinton/absps/</a> NatureDeepReview.pdf) – Broad, influential overview arguing how representation learning enables modern AI capabilities

**Attention Is All You Need** (<a href="https://arxiv.org/abs/1706.03762">https://arxiv.org/abs/1706.03762</a>) – Introduces the Transformer, replacing recurrence with self-attention and reshaping general-purpose Al systems.

**BERT: Pre-training of Deep Bidirectional Transformers for Language Understanding** (<a href="https://arxiv.org/abs/1810.04805">https://arxiv.org/abs/1810.04805</a>) – Popularizes self-supervised pretraining + fine-tuning, catalyzing transfer across many Al tasks

Language Models are Few-Shot Learners (<a href="https://arxiv.org/abs/2005.14165">https://arxiv.org/abs/2005.14165</a>) – Shows large generative models (GPT-3) perform versatile, instruction-free reasoning and problem solving

Luciano Floridi's Research on Al Ethics (<a href="https://www.oii.ox.ac.uk/people/">https://www.oii.ox.ac.uk/people/</a> profiles/luciano-floridi/) – Scholarly work on Al ethics.

Large Models of What? Mistaking Engineering Achievements for Human Linguistic Agency (<a href="https://arxiv.org/abs/2407.08790">https://arxiv.org/abs/2407.08790</a>) – Research on Al and linguistic capabilities. arxiv.org

Al Literacy Guide (<a href="https://www.hcaiinstitute.com/ai-literacy-roadmap?">https://www.hcaiinstitute.com/ai-literacy-roadmap?</a>
<a href="https://www.hcaiinstitute.com/ai-literacy-roadmap?">hsCtaAttrib=184615919626</a>) – Roadmap to Al learning with 100 + resources

# Al Communities & Professional Networking

**SWARM Community** (<a href="https://swarmcommunity.org/">https://swarmcommunity.org/</a>) – Al-focused events, discussions, and innovation workshops across domains.

**LinkedIn Al Groups & Experts** (<a href="https://www.linkedin.com/pulse/groups-related-artificial-intelligence-data-science-ram-narayan/">https://www.linkedin.com/pulse/groups-related-artificial-intelligence-data-science-ram-narayan/</a>) – Al communities for professional networking, collaboration, and expert-led discussions.

**Reddit Al Communities** (<a href="https://www.reddit.com/r/artificial/">https://www.reddit.com/r/artificial/</a>) – Al-related discussions, learning resources, and community Q&A on platforms like r/artificial and r/MachineLearning.

**Hugging Face** (<a href="https://huggingface.co/">https://huggingface.co/</a>) – Open-source platform for Al models, datasets, and collaborative community projects.

**DeepLearning.Al Community** (<a href="https://www.deeplearning.ai/community/">https://www.deeplearning.ai/community/</a>) – Forum for Al learners to engage in projects, events, and discussions.

**Women in AI** (<a href="https://www.womeninai.co/">https://www.womeninai.co/</a>) – Global community supporting women in AI through mentorship, events, and advocacy.

**AI4ALL** (<a href="https://ai-4-all.org/">https://ai-4-all.org/</a>) – Al education and mentorship programs for underrepresented groups in Al.

**Women in Al Ethics** (<a href="https://womeninaiethics.org/">https://womeninaiethics.org/</a>) – A community advancing ethical Al through the inclusion of women's voices and leadership.

**We Are Tech Women** (<a href="https://wearetechwomen.com/">https://wearetechwomen.com/</a>) – Network for women in AI and the wider tech industry offering resources, events, and mentorship.

**OpenExO AI Working Group** (<a href="https://openexo.com/">https://openexo.com/</a>) – Community exploring exponential technologies and collaborative AI learning.

**GAI Learning Lab** (<a href="https://gaiinsights.com/learning-lab">https://gaiinsights.com/learning-lab</a>) – Al education lab with practical training and collaborative networking.

**MerlTech NLP Working Group** (<a href="https://merltech.org/nlp-cop/">https://merltech.org/nlp-cop/</a>) – Community applying natural language processing to social impact and monitoring efforts.

International Association of Algorithmic Auditors (<a href="https://iaaa-algorithmicauditors.org/">https://iaaa-algorithmicauditors.org/</a>) – Professional community focused on accountability in Al auditing.

**All Tech is Human** (<a href="https://alltechishuman.org/">https://alltechishuman.org/</a>) – Nonprofit connecting people, organizations, and ideas in responsible Al and tech ethics.

**Next Generation Foresight Practitioners** (<a href="https://nextgenforesight.org/">https://nextgenforesight.org/</a>) – Community shaping future-focused, inclusive discussions in tech and Al.

# Podcasts & YouTube

**NVIDIA The Al Podcast** (<a href="https://blogs.nvidia.com/ai-podcast/">https://blogs.nvidia.com/ai-podcast/</a>) – Industry leaders discussing trends, breakthroughs, and real-world Al applications

Last Week in AI (https://open.spotify.com/show/ 17HiNdxcoKJLLNibIAyUch) – Weekly digest covering AI news, research, ethics, and societal impact

**Al Hustle** (<a href="https://www.youtube.com/@TheAlHustle-zg5ej">https://www.youtube.com/@TheAlHustle-zg5ej</a>) – Al-focused business podcast covering industry news, startup strategies, and expert commentary

**@AllAboutAl YouTube** (<a href="https://www.youtube.com/@AllAboutAl">https://www.youtube.com/@AllAboutAl</a>) – Al tutorials, tool reviews, and practical guides on YouTube

**Software-Architecture.TV** (<a href="https://software-architektur.tv/">https://software-architektur.tv/</a>) – Podcast covering AI in software architecture, ML systems design, and interviews

**Lex Fridman Podcast** (<a href="https://lexfridman.com/podcast/">https://lexfridman.com/podcast/</a>) – In-depth conversations on AI, robotics, philosophy, and the future of technology

**TWIML AI Podcast** (<a href="https://twimlai.com/podcast/twimlai/">https://twimlai.com/podcast/twimlai/</a>) – Practitioner-focused interviews on ML platforms, LLMs, and real-world deployments.

**The Gradient Podcast** (<a href="https://thegradientpub.substack.com/s/podcast">https://thegradientpub.substack.com/s/podcast</a>) – Thoughtful, research-centric interviews on Al progress and issues.

**Data Skeptic** (<a href="https://dataskeptic.com/podcast">https://dataskeptic.com/podcast</a>) – Weekly discussions applying critical thinking to data science and AI topics

**Eye on AI** (<a href="https://www.eye-on.ai/podcast-archive">https://www.eye-on.ai/podcast-archive</a>) – Biweekly interviews with leading AI researchers and entrepreneurs

**Google DeepMind** (<a href="https://deepmind.google/discover/the-podcast/">https://deepmind.google/discover/the-podcast/</a>) – Hannah Fry explores how AI is transforming science and society

**Practical AI** (<a href="https://changelog.com/practicalai/">https://changelog.com/practicalai/</a>) – Making AI practical and accessible for engineers and builders

**Latent Space** (<a href="https://www.latent.space/podcast">https://www.latent.space/podcast</a>) – The Al-engineer show on agents, tooling, infra, and open models

**The Cognitive Revolution** (<a href="https://www.cognitiverevolution.ai/">https://www.cognitiverevolution.ai/</a>) – Builder-oriented interviews on how Al is changing everything

**The Robot Brains Podcast** (<a href="https://shows.acast.com/the-robot-brains">https://shows.acast.com/the-robot-brains</a>) – Pieter Abbeel talks robotics and Al with top academics and founders

**Two Minute Papers** (<a href="https://www.youtube.com/@TwoMinutePapers">https://www.youtube.com/@TwoMinutePapers</a>) – Bite-size overviews of cutting-edge Al papers and breakthroughs.

**Yannic Kilcher** (<a href="https://www.youtube.com/@YannicKilcher">https://www.youtube.com/@YannicKilcher</a>) – In-depth "paper explained" videos and critical takes on Al research.

**DeepLearning.AI** (<a href="https://www.youtube.com/@Deeplearningai">https://www.youtube.com/@Deeplearningai</a>) – Andrew Ng's lessons, short courses, and expert interviews across AI/ML.

Google DeepMind (<a href="https://www.youtube.com/@googledeepmind">https://www.youtube.com/@googledeepmind</a>) – Research highlights, explainers, and their podcast video editions.

**Andrej Karpathy** (<a href="https://www.youtube.com/@andrejkarpathy">https://www.youtube.com/@andrejkarpathy</a>) – Highly practical deep-dives (e.g., "Let's build GPT from scratch").

**StatQuest with Josh Starmer** (<a href="https://www.youtube.com/@statquest">https://www.youtube.com/@statquest</a>) – Crystal-clear explanations of ML/statistics fundamentals.

**3Blue1Brown** (<a href="https://www.youtube.com/@3blue1brown">https://www.youtube.com/@3blue1brown</a>) – Visual math (e.g., neural networks, calculus, linear algebra) essential to grokking Al.

**Connor Shorten** (previously Henry Al Labs) (<a href="https://youtube.com/">https://youtube.com/</a> @connor-shorten) – Paper walkthroughs, interviews, and trends in DL.

**sentdex** (<a href="https://www.youtube.com/sentdex">https://www.youtube.com/sentdex</a>) – Python Programming tutorials, going further than just the basics. Learn about machine learning, data analysis, robotics, web development, game development and more

### Newsletters

**AIAAIC Alert** (<a href="https://www.aiaaic.org/get-involved/subscribe">https://www.aiaaic.org/get-involved/subscribe</a>) – Al impact and ethics updates, covering regulation, safety, and governance.

The Download from MIT Tech Review (<a href="https://www.technologyreview.com/newsletters/the-download/">https://www.technologyreview.com/newsletters/the-download/</a>) – Weekly briefing on Al news, research, and trends.

**Pivot to AI** (<a href="https://pivot-to-ai.com/">https://pivot-to-ai.com/</a>) – Trends and analysis on AI adoption and industry transformation.

**Interconnects by Nathan Lambert** (<a href="https://www.interconnects.ai/">https://www.interconnects.ai/</a>) – Insights into AI systems and their interaction with human behavior.

**Understanding AI** (<a href="https://www.understandingai.org/">https://www.understandingai.org/</a>) – Digestible explanations of AI concepts, news, and learning resources.

**All Tech is Human** (<a href="https://alltechishuman.substack.com/">https://alltechishuman.substack.com/</a>) – Biweekly insights on responsible tech, digital ethics, and Al governance.

**Azeem Azhar's Exponential View** (<a href="https://www.exponentialview.co/">https://www.exponentialview.co/</a>) – Reflections on exponential technologies, including AI, policy, and business.

The Briefing by Martin Peers (<a href="https://www.theinformation.com/features/the-briefing">https://www.theinformation.com/features/the-briefing</a>) – Daily summaries of Al industry trends and insights.

**AlphaSignal** (<a href="https://www.alphasignal.ai/">https://www.alphasignal.ai/</a>) – Curated Al research and industry news for professionals and developers.

# Hands-On Learning & Projects

**GitHub** (<a href="https://github.com/topics/artificial-intelligence">https://github.com/topics/artificial-intelligence</a>) – Explore opensource AI projects and contribute to real-world repositories.

**Kaggle** (<a href="https://www.kaggle.com/">https://www.kaggle.com/</a>) – Participate in AI competitions, work with public datasets, and collaborate via notebooks.

**Microsoft Learn** (<a href="https://learn.microsoft.com/en-in/">https://learn.microsoft.com/en-in/</a>) – Al tutorials and guided learning paths using Microsoft tools

**Forage** (<a href="https://www.theforage.com/">https://www.theforage.com/</a>) – Free virtual work experiences from top companies using AI tools

**Alcrowd** (<a href="https://www.aicrowd.com/">https://www.aicrowd.com/</a>) – Compete in Al challenges across reinforcement learning, computer vision, and NLP, with real-world datasets

**OpenMined** (<a href="https://www.openmined.org/">https://www.openmined.org/</a>) – Contribute to privacy-preserving AI projects and learn about federated learning

**Papers with Code** (<a href="https://paperswithcode.com/">https://paperswithcode.com/</a>) – Implement state-of-the-art AI research with linked code repositories and benchmark datasets

**Colab Notebooks** (<a href="https://colab.research.google.com/">https://colab.research.google.com/</a>) – Experiment with Al models directly in the browser using Python notebooks without setup

**Roboflow** (<a href="https://roboflow.com/">https://roboflow.com/</a>) – Build and train custom computer vision models with a hands-on data annotation and deployment pipeline

**OpenAl Evals** (<a href="https://github.com/openai/evals">https://github.com/openai/evals</a>) – Contribute to evaluation frameworks for Al models, designing and running test cases.

## Quick Plug: Generationship



"This is a quick plug based on merit. Michelle Yi, listed above among the collaborators, is wholly dedicated to creating a more equitable VC experience for emerging startups led by underrepresented founders, helping them access the resources and support they need to succeed. If you are part of the VC or startup ecosystem, I highly recommend reaching out to her. Their team will guide you toward successful commercial, operational, and technical outcomes."

– Joaquin Melara, Founder of The SWARM Community

### **ABOUT GENERATIONSHIP:**

Al offers a once-in-a-generation opportunity for company-building. Speed to market is vital. Founders who have access to expert help in customer discovery, problem-solution fit, prototyping, go-to-market and fundraising will have an unfair advantage.

Help is at hand.

We are entrepreneurs, researchers, and investors with decades of experience in AI/ML and company building. We want to build a community that helps underrepresented founders outperform.

**Rachel Chalmers** has invested in Aviatrix Systems, Docker, Honeycomb and Trifacta and has led 150+ companies through acceleration programs.

**Michelle Yi** is a veteran of IBM Watson with 20+ years experience in Al and cloud computing. Together, we have already helped create one new company, and we aim to do many more.

### FOR MORE INFORMATION:

Visit their website: <a href="https://www.generationship.ai">https://www.generationship.ai</a>

Contact them at: info@generationship.ai

Follow via LinkedIn: https://www.linkedin.com/company/generationship/

# ABOUT THE SWARM COMMUNITY



### To quote Bob Burns, author of Wilderness Navigation, "Don't Talk About It, Be About It."

The SWARM Community is a group of individuals who look beyond the hype and focus their attention and efforts on real-world applications. We are united by a shared purpose: to pursue Al solutions for a better world.

SWARM, an acronym coined by its founder, Joaquin Melara, stands for Sentient Wisdom and Artificial Reasoning Machines. The concept prioritizes the wisdom of biological beings above that of the technologies they've created. Technology, in this context, is the shadow cast by intelligent life forms, constructed through the harnessed collective knowledge, skills, and abilities of those involved in its architecture and development.

Within the SWARM Community, we bridge the gap between theory and real-world impact. While the field of Artificial Intelligence is rapidly evolving, practical knowledge and insights often remain confined to academic circles and marketing campaigns. The SWARM Community distinguishes itself by focusing on showcasing and celebrating action through its "Community of Practice."

More than just a platform, SWARM operates as a collaborative "Community of Practice," emphasizing shared learning, action, and ethical responsibility. Guided by principles of courage, honor, humility, prudence, and responsibility, the community is committed to championing the adoption of responsible AI and creating tangible positive impact around the world.

If you want to do something, reach out:)

- Joaquin Melara, Founder of The SWARM Community





# Women in Al