

# David White - Curriculum Vitae

Portfolio Website: [changemakerdata.nyc](http://changemakerdata.nyc)

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## Research Interests

### ***Drawing from extensive experience in education and political data analysis:***

- Developing data visualization approaches that bridge technical and non-technical stakeholders, based on 10+ years leading data communications in educational settings
- Investigating how data visualization can drive educational equity and inform policy decisions
- Creating frameworks for teaching complex data concepts to diverse audiences
- Building inclusive data literacy programs informed by classroom and professional training experience

## Technical Expertise

### ***Data Analysis & Visualization:***

- Programming: Python, SQL
- Visualization Tools: Looker Studio, Tableau, Datylon
- Database Systems: Google BigQuery, PostgreSQL
- Data Analytics Tools: Microsoft Excel, Google Sheets, Jupyter Notebook
- Design Tools: Adobe Illustrator, Adobe InDesign, HTML, CSS
- Additional Tools: NGP VAN (VoteBuilder), Squarespace, Git

# Research & Analytical Experience

## ***Data Analyst / Zinc Collective / 2022-Present***

- Execute and respond to inbound Talent Pool data queries from partners
- Coordinate disparate data sets for Talent Pool record management
- Build and improve automated talent data processes
- Develop streamlined data flow processes, reducing query response time by 83%

## ***Data Director / Randi McCallian for Congress (MO-08) / 2022-Nov 2024***

- Lead data analytics team
- Developed partnerships with and supported down-ballot candidates in the district

## ***Manager of Data and Accountability / Harlem Link Charter School / 2019-2023***

- Designed innovative data dashboard systems
- Conducted longitudinal studies of educational outcomes
- Developed automated reporting systems for educational metrics

## ***Data Specialist / South Asian Youth Action / 2018-2019***

- Designed and implemented program evaluation dashboards
- Developed data reporting systems for stakeholder engagement

## ***Data Coordinator / Global Community Charter School / 2015-2018***

- Designed, built, and updated data dashboard. Delivered monthly data presentations
- Managed the school's database system and provided technical support for 40 staff members

## ***Special Projects Coordinator / Brooklyn Ascend Charter School / 2011-2015***

- Generated weekly data reports for the school leadership team

- Managed the school's database system and provided technical support for 30 staff members
- Managed state exam logistics and materials for 250 students and ensured compliance with all regulations

## Teaching & Mentorship Experience

### ***Institute Chair / New Leaders Council (NLC), New York City Chapter / 2024-Present***

- Oversee curriculum and logistics for NLC Fellows program
- Facilitate Fellows' Institute experience through workbook activities and discussions
- Customize curriculum materials to reflect the local context
- Manage venue selection, speaker coordination, and event execution

### ***LEAD Coach / New Leaders Council (NLC) / 2023-2024***

- Mentored fellows in the development of their community service projects
- Facilitated leadership development activities for fellows

### ***Curriculum Developer & Instructor / Generation Data / 2023-Present***

- Developed curriculum and led trainings on:
  - SQL for Data Analytics
  - Using SQL in political campaigns
  - Data Engineering with Google BigQuery
  - Data Visualization with Looker Studio
- Provided one-on-one coaching and capstone project support

### ***Professional Learning Community (PLC) Leader / Harlem Link Charter School / 2022-2023***

- Created and taught a year-long course on data storytelling
- Led data presentations and training sessions for staff

***New York City Teaching Fellow / Piagentini-Jones Intermediate School / 2003-2005***

## **Education**

***Graduate Studies in Education / CUNY Lehman College (NYC Teaching Fellows Program) / 2003-2004***

***Master of Music, Jazz Studies / SUNY Purchase / 2003***

***Bachelor of Music / SUNY Purchase / 2001***

## **Conference Presentations Given And Workshops Led**

- *Data Storytelling in Politics*, The Movement Cooperative, Atlanta, GA (March 2024)
- *Spark! Talk*, New Leaders Council Convention, Little Rock, AK (July 2023)
- *Intro to Progressive Data*, Generation Data Workshop, Washington D.C. (July 2023)
- *Data Engineering with BigQuery*, State Voices Convening, Miami, FL (April 2023)

## **Service & Community Leadership**

***Board Member / New Leaders Council, NYC Chapter / 2024-Present***

- Selected as Board Member and Institute Chair
- Guide curriculum development and program implementation
- Foster community partnerships and external relations
- Volunteered with 4th Saturdays in the L.E.S. Community Service Project
  - Monthly service with The Mission Continues and partner organizations
  - Supported Lower Eastside Girls Club community initiatives
  - Contributed to garden planting and community space creation projects

## ***Project Lead / Bluebonnet Data / 2022-Present***

- Led volunteer data analytics teams for multiple political campaigns:
  - Holly McCormack for Congress (GA-14)
  - Chris Benton for Georgia State Senate District 18
  - Lisa Campbell for Georgia House District 35
  - Randi McCallian for Congress (MO-08)
  - Mokah Jasmine Johnson for Georgia House District 120
  - Aisha Farooqi for Michigan House District 57
  - Black Futures Lab
  - Virginia House of Delegates Coordinated Campaign

## **Professional Affiliations**

- ***New Leaders Council***
  - Board Member (2024-Present)
  - Institute Chair (2024-Present)
  - Fellow (2023)
- ***Data Visualization Society***
  - Mentor (2022-Present)

## **Grants, Fellowships & Awards**

- ActBlue Scholar | Generation Data | September 2022

## **Professional Development**

### ***Data Analysis, Data Visualization, & Data Engineering***

- Data Science Certification, General Assembly (2022)
- Introduction to Progressive Data, Generation Data (2022)

- Introduction to Parsons (Python Library), Generation Data (2022)
- "Presenting Data and Information" with Edward Tufte (2018)

***Leadership, Management, & Communication Skills***

- Arena Academy 201: Data Fluency for Campaign Leaders (2024)
- Arena Academy 201: Management Skills (2024)
- Train-the-Trainer Program, DNC Best Practices Institute (2022)
- Arena Academy, Data Director Track (2022)