



DELTA CODE

Build **hands on technical projects** with industry expert mentors and get an delta edge in your college application!

APP DEVELOPMENT

DATA SCIENCE

GAME DEVELOPMENT

WEB DEVELOPMENT



www.deltainstitute.co/delta-launch

Introducing Delta Launch



from **Delta Institute**

Delta Launch is designed to offer high school students a comprehensive set of extracurricular experiences that not only enhance their skills but also add significant value to their college or university applications via:



Hands-on, project based learning experiences:
Technical or Leadership



Mentorship from Industry Experts with Ivy League background



Opportunity to showcase, get feedback and recommendations for their applications

Our Offerings

TECHNICAL
(1:1 OR COHORT)



- ✔ **Delta AI:** Project-based AI learning
- ✔ **Delta Code:** Project-based coding pathways

LEADERSHIP
(1:1)



- ✔ **Podcast Immersion:** Hosting & Planning
- ✔ **Speak to Inspire with TEDxYouth:** Organizing TEDx events

**CREATE.
INNOVATE.
CONTRIBUTE.**

INTRODUCING

Delta Code



Delta Code offers a coding journey designed for high school students of all backgrounds, starting from the basics and gradually progressing to personalized projects that reflect your passions in both **humanities** and **science**.

Pathways Options

1 Web Development

2 Game Development

3 Data Science

4 App Development

Available in

1 CODE Intensive (Group)

6 week cohort based fast paced learning.

2 CODE Immersive (1:1)

12 week 1:1 mentorship program, flexible to students technical proficiency and schedule.

Why Delta Code?



BUILD CODING PROJECTS

Students create technical projects that demonstrate real-world impact and showcase them on your college application, resume, and admissions essays.

1



INDUSTRY READY SKILLS

Participate in hands-on sessions that teach coding and software skills, led by industry experts from leading universities and tech companies. Help yourself land your first internship with these skills and projects!!

2



RECOMMENDATION LETTERS

Obtain personalized recommendation letters from experienced industry professional that highlight your technical skills, project achievements, and passion for technology.

3



JavaScript



Master in-demand tech skills and tools like Python, C#, Unity, SQL, JavaScript, HTML, CSS, GitHub, and LLM through tailored coding pathways and guided projects.



Code Immersive

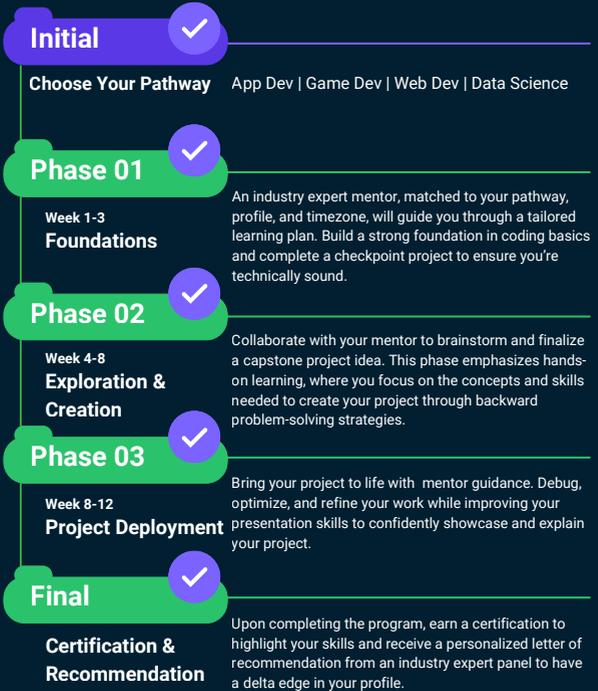
Cost: \$4800

What's Included:

- Exclusive 1:1 Mentorship.
- 25 hours ,12 Weeks.
- In-Depth Coding Pathway Project.
- Recommendation Letter.



Student Journey:



Pathways Options



Start your journey today

WITH DELTA CODE IMMERSIVE

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Apply Now



Potential Projects

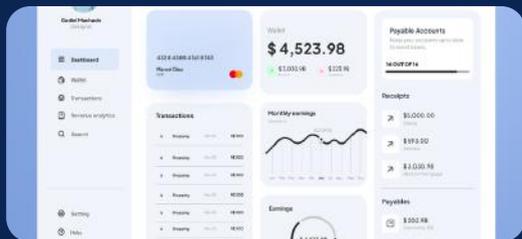
WHY DELTA CODE?

Your Passion + Tech = **Delta Factor**

IMPACT AREA/TECH PATHWAY	WEB DEVELOPMENT	APP DEVELOPMENT	GAME DEVELOPMENT	DATA SCIENCE
 FINANCE	Personal finance tracker	App for budgeting and expense management	Simulation game to teach stock market basics	Spending Pattern Prediction
 COMMUNITY	Donation platform for local causes	App for volunteer matching based on interests	Game to raise awareness about climate change	Community Needs Forecasting
 LITERACY	Interactive storytelling website	App for language skill-building through daily challenges	Educational game to teach vocabulary and spelling	Reading Comprehension Analysis
 ECONOMICS	Economics concept explainer website	App to connect users with micro-loan opportunities	Game to simulate running a small business and managing profits	Market Trend Prediction
AND MANY MORE!				

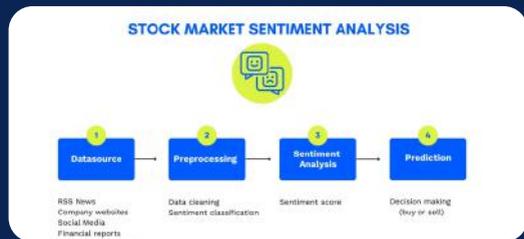
Student Highlights:

Finance



Customised Tracker help users track their income, expenses, savings, and investments in a visually appealing and intuitive web interface

Economics



Using NLP and ML to analyze sentiment from news, social media providing real-time insights into market trends and stock performance.



Code Intensive

Cost: \$2200

What's Included:

- Cohort Based
- 12 hours , 6 Weeks
- 2 Complimentary 1:1 session & Office Hours
- 2 AI Projects

Outcomes:

- Mastery of coding fundamentals and advanced concepts.
- Completion of 2 hands-on coding projects and interactive quizzes.
- Personalized guidance from mentors (5:1 ratio).
- A professional portfolio and a course completion certificate.



Student Journey:

Initial

Choose Your Pathway

App Dev | Game Dev | Web Dev | Data Science

Week 1

Foundations (Pt. 1)

Students begin with core coding skills, focusing on basic concepts and setting the groundwork for advanced learning.

Week 2

Foundations (Pt. 2)

Students build their first project, applying foundational skills with mentor guidance and peer collaboration.

Week 3

Project 1 Development

Students build their first project, applying foundational skills with mentor guidance and peer collaboration.

Week 4

Advanced Concepts

Advanced coding topics are introduced, preparing students for more complex problem-solving.

Week 5

Project 2 Planning and Development

Project 2 Planning and Development Students brainstorm and plan their second project, starting development with support from mentors.

Week 6

Project 2 Completion and Showcase

The second project is finalized, debugged, and refined. Students present their work to mentors and peers.

Completion:

Students earn a certificate and can request a mentor recommendation to enhance their portfolio.

Learn. Build. Grow.

COHORTS ARE FORMING NOW!

Upcoming Cohort: Dec 21 2024



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Apply Now



Meet the Mentors



Uladzimir T.

Web Developer | Yale-NUS College,
Pontificia Universidad Católica de Chile
| Proficient in Python, React, Flask, SQL



Parag B.

Full-stack Developer | Ex Tata
Consultancy Services, Mighty Bear
Games, Crypto.com | Specialized in
Python, React, AWS, Blockchain



Sameek K.

Game Developer and Unreal
Authorized Instructor Partner | Active
since Unreal Engine 4 release |
Passionate about Pushing the
Boundaries of Game Development
Technology

Our Success Stories

Delta Code Alumni have been admitted to:



We've helped **hundreds of students** with:

INDUSTRY EXPERT MENTORS



Students benefit from experienced mentors who help them with coding skills to create their own impactful projects.



BEING PROJECT FOCUSED

The focus is on building the project from day one—mentors prioritize hands-on coding over long courses or unnecessary theory.

PROVIDING RECOMMENDATION LETTERS



Students receive personalized recommendation letters from industry experts, which help them stand out in college applications and secure their first internships



EMBRACING FLEXIBILITY (FOR IMMERSIVE)

Schedule as per student's requirement and availability. Great for high achievers who tend to have a lot of activities.



FAQs

Are the courses project-based?

Yes, all Delta Code programs are project-oriented. Students work with mentors to design and build real-world projects tailored to their chosen pathway.

How are Delta Code programs different from other online courses?

Delta Code programs emphasize hands-on learning and mentorship. Unlike typical online courses, students work closely with industry mentors to create personalized projects of their choice, ensuring practical, real-world experience.

What kind of support do students receive?

- Personalized guidance from expert mentors.
 - Regular feedback on projects and quizzes.
 - Access to learning resources, tutorials, and a collaborative community of peers.
-

What is the schedule for the 1:1 Code Immersive program?

The schedule is completely flexible and tailored to each student's availability, making it an excellent option for students with busy schedules or other commitments.

Do you provide a collection of project ideas?

Yes, mentors have a curated collection of project ideas to inspire students and guide them in selecting projects that match their interests and skill levels.

How can students ask questions or clear doubts in the cohort-based Intensive program?

Students in the cohort-based program will have access to a dedicated Discord server where they can post questions and discuss their doubts directly with mentors or peers.



Ready to apply?

Scan the QR code below!



www.deltainstitute.co/delta-launch



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