



Delta AI Immersive

Build a standout AI portfolio with exclusive mentors
from **Microsoft, Google, and CitiBank**



Through Delta Institute, our students don't just learn about technology and leadership—they build it as they create real-world projects that demonstrate initiative, technical skill, and impact.

Here are the results of acceptances from our past Delta Institute alumni:



Admissions Impact

4300+

Students enrolled in our programs

1000+

Successful admissions to top universities

15+

Programs in diverse industries



UPenn



Yale



Brown



Cornell



Stanford



UCLA



LSE



King's College London



Northeastern



Northwestern



NYU



Imperial College London



Cambridge

Hear directly from our students!



www.deltainstitute.co/testimonials

"This was a valuable experience! The mentors guided me through every challenge I faced, helping me successfully complete my AI project based on music."

SORA IHARA

Delta AI Alumni

"My favorite part was being able to create my own project based on my interests. I also really appreciated the support in making slides, understanding how coding works, and learning how AI is applied in projects."

RIO MURAKATA

Delta AI Alumni

More testimonials: [Delta Spotlight Series](#)

www.deltainstitute.co

Why Choose

Delta AI Immersive



Embark on a **25-hour, one-on-one AI journey tailored exclusively for you.** With flexible start dates, you can begin whenever it suits you—perfect for both beginners and experts.



Flexible curriculum that starts at your level

One class every week to be followed by assignment and extra study material.



Flexible schedule with 1 to 2 hour sessions

Invitation to join 3 masterclasses led by industry experts.



Expert mentors from Microsoft, Google, and CitiBank

Masterclasses from leading AI researchers and other industry professionals



Portfolio ready live project and public GitHub repo

What You Will

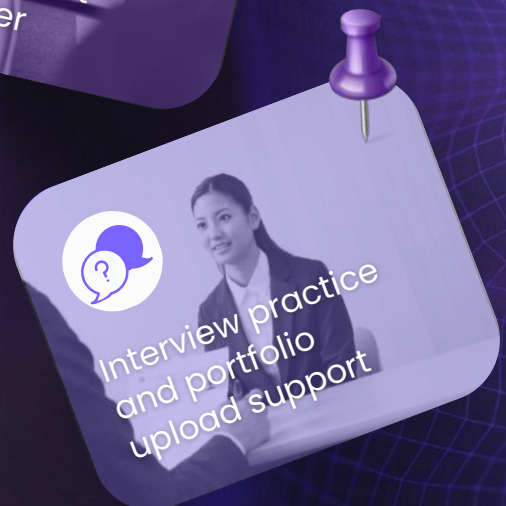
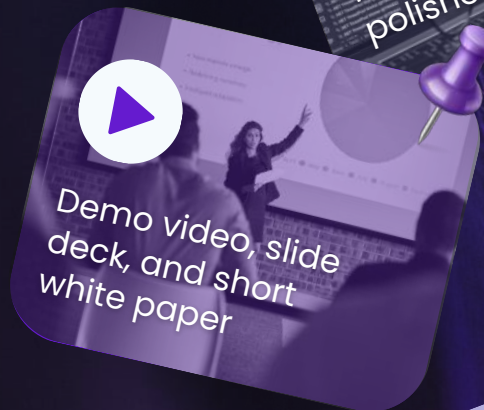
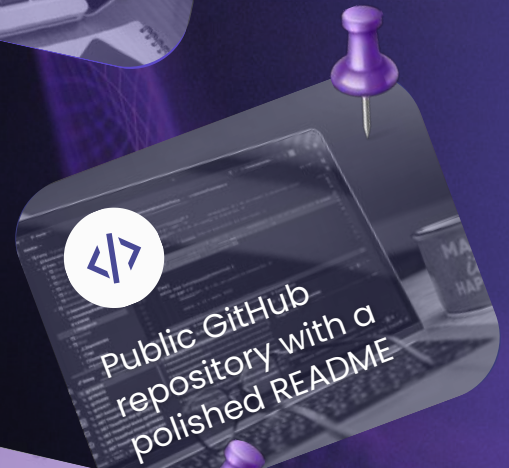
Achieve

The 12-week Delta AI Immersive program provides personalized, one-on-one mentoring and a flexible schedule.

Students create an industry-specific solution, receive expert project evaluations, and benefit from an advanced curriculum and detailed feedback.

Who This Is For

High school students who want a personalized path to a real AI project and artifacts that strengthen college applications and interviews.





Meet the **Industry Experts**

Have the opportunity to work with and hear from **mentors at leading institutions and companies creating the AI revolution.**



Brinda

**Data Scientist at
Microsoft, LLM & AI
Specialist**



Parag

**VP Senior
Programmer Analyst
at CitiBank**



Carson

**Software
Engineering at Apple**



Zhijun

**Software Engineer at
LinkedIn & Tencent**

Bilingual (EN / CN)



Mansi

**Senior Software
Engineer at NVIDIA**



Awad

**Staff Software
Engineer at Tesla**



Jianyu

**Senior Software
Engineer at Autodesk**

Bilingual (EN / CN)



Ankita

**Software Engineer at
Google**



Ian

**Software Engineer at
AWS**

Students work with mentors from **leading tech companies** driving the AI revolution.



How Mentoring Works

Your Dedicated Mentor, **Your Pace**

Every student is matched with a single dedicated mentor from companies like **Google, Microsoft, or NVIDIA** who stays with them for the entire journey.

It is **25 hours of 1:1 sessions** where your mentor learns how you think, adapts to how you work, and pushes you at exactly the right pace.



Start From **Your Level**

Your mentor **assesses your starting point** in the first session and **builds a custom curriculum from there**.



BEGINNER

Guided no code to low code, curated datasets



INTERMEDIATE

Python notebooks, prompt design, RAG, light finetuning



ADVANCED

Custom pipelines, lightweight APIs, deployment reliability

How Sessions **Work**



Session schedule

1 to 2 hours, flexibly arranged around your school calendar and timezone



Weekly structure

Mentor sets milestones, assigns targeted homework, and reviews progress each session



Personalized path

No fixed syllabus—your mentor builds and adjusts the learning plan around your project each week

Program Structure

AI Immersive offers 25 hours of 1:1 mentorship from an industry expert and most students complete it in 10 – 12 weeks.

A Learning Experience Built Around You

- **Learn at your own pace** with flexible scheduling.
- **All ages welcome** – middle school through adult learners.
- **Every skill level** – from your first line of code to advanced projects.
- **Custom learning path** – tailored to your unique goals.



Onboarding & Mentor Matching

We pair you with a mentor who aligns with your interests, timezone, and project goals. The kickoff includes orientation and an initial project discussion and brainstorming!



Personalized Goal Setting & Curriculum

Your mentor defines clear learning outcomes, maps weekly milestones, and builds a personalized curriculum tailored to your experience level.



Foundational Learning

Learn essential AI concepts, tools, and techniques through hands-on, mentor-guided sessions covering Python, Data Handling, and ML Model basics.



Advanced learning - Execution Phase

Apply your skills to develop a complete AI project with technical guidance, troubleshooting support, and iterative improvements from your mentor.



Final Presentation, Expert Review, and Future Guidance

Present your completed project for expert evaluation and receive detailed feedback with a roadmap for next steps.



Referral Letter & Networking Support

Students who complete the program and complete the project receive a mentor-endorsed letter for college or internship applications.

Support Beyond Sessions

- 📧 After-hours email and chat support from mentors.
- 📱 Messaging, Scheduling Sessions via CrimsonApp.
- ⏸ Ability to Pause program during busy times (exam season etc).
- 🏠 Be part of Delta AI Discord Community.



Hayato M.
UWC Sea Dover,
Singapore

TOOLS USED & SKILLS GAINED

Technical Skills:

- **CLIP** (Image Recognition) for identifying uploaded photos
- **Gemini AI** (LLM) for generating folding steps

MENTOR FROM  Microsoft

AI x Art + Social
Impact = NeuralFold

Neural Fold

Hayato created NeuralFold, an AI-powered origami instruction generator that makes learning origami accessible to everyone.

Upload any photo and get step-by-step instructions for creating it



Image uploaded successfully! Processing your image...

Creation Steps

Follow these step-by-step instructions to recreate the object from your image.

1 Fold the paper diagonally

Start with a square sheet of origami paper, and fold it in half diagonally to form a triangle.

2 Fold the triangle in half again

Take the triangle and fold it in half again, bringing the two bottom corners together to form a

"When I worked on my NeuralFold Origami project, it helped my college applications stand out by demonstrating the ability to **merge AI with cultural exchange, showing initiative, creativity, and resilience**—qualities admissions committees value highly."

"By completing this project, I **gained tech skills in AI and computer vision**, strengthened my cross-cultural communication, and learned how to tackle real-world challenges creatively and independently."

— HAYATO



Mentor Matching



Mansi U.,
AI Engineer

 Microsoft



Bill C.
Pinewood High
School, California

TOOLS USED & SKILLS GAINED

Technical Skills:

- Python
- AI assisted Web Development
- Image Recognition Fundamentals

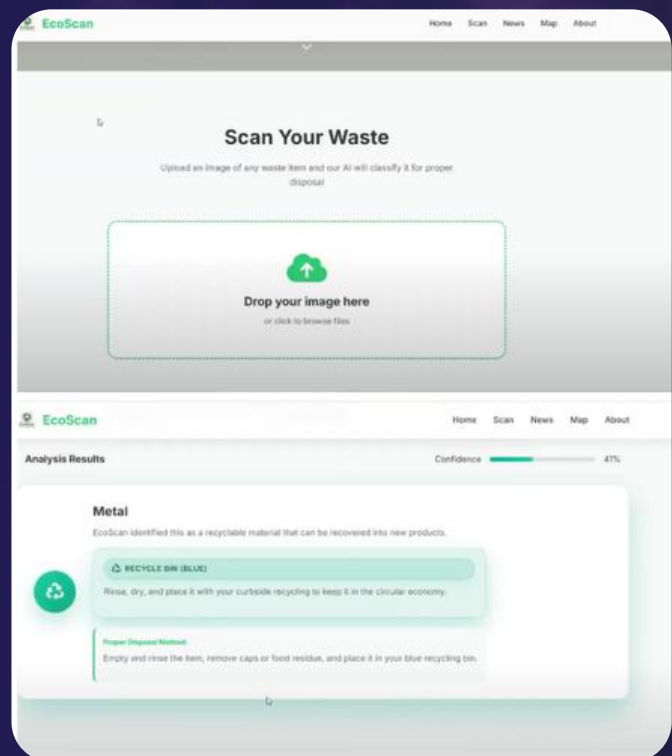
MENTOR FROM



AI x Sustainability
= EcoScan

EcoScan

Bill built EcoScan, an **AI powered website** designed to help people dispose of waste correctly. Bill is especially proud of the **image recognition feature**, which accurately classifies different types of waste.



“It made me realize how capable AI is beyond just ChatGPT.”

“I use ChatGPT multiple times a day. I wanted to understand how AI actually works, not just use it. In about 10 minutes, I had a very professional looking website. That really blew my mind. It opened my mind to how capable AI really is.”

— BILL



Mentor Matching



Dabeer A.,
Software Engineer



**M. Z.**

UWC East Singapore

TOOLS USED & SKILLS GAINED

Technical Skills:

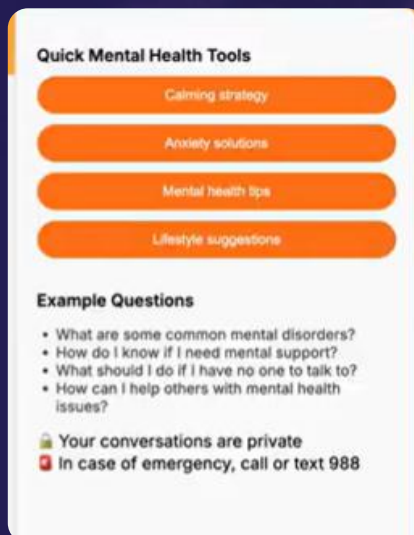
- **Chatbot** architecture and design
- **LangGraph** workflows
- **FastAPI** backend development
- Understanding **AI system structure**

MENTOR FROM

AI x Health=Mental Health Chatbot

Mental Health Chatbot

M.Z. built an AI-powered mental health chatbot for students, using a multi-agent system to deliver more personalized and effective responses.



"We started small, and by the end, I built a full program combining everything."

"I saw so much about AI changing the world, but I didn't know where to start. I didn't know that's how chatbots could work. The whole LangGraph logic was completely new to me. I was really surprised by what I could actually achieve by the end. This was a great experience, and it will definitely impact my future. Now I have a real project that I can put on my resume, which will help when I apply for internships. I think it opens up more opportunities for me.."

— M. Z.



Mentor Matching



Prakasha B.,
Senior Data Scientist



Other Example Projects

Best for Students Interested In
Investing, markets, economics, business

Example Final Project

Stock analysis dashboard with AI-powered investment insights

AI x Finance

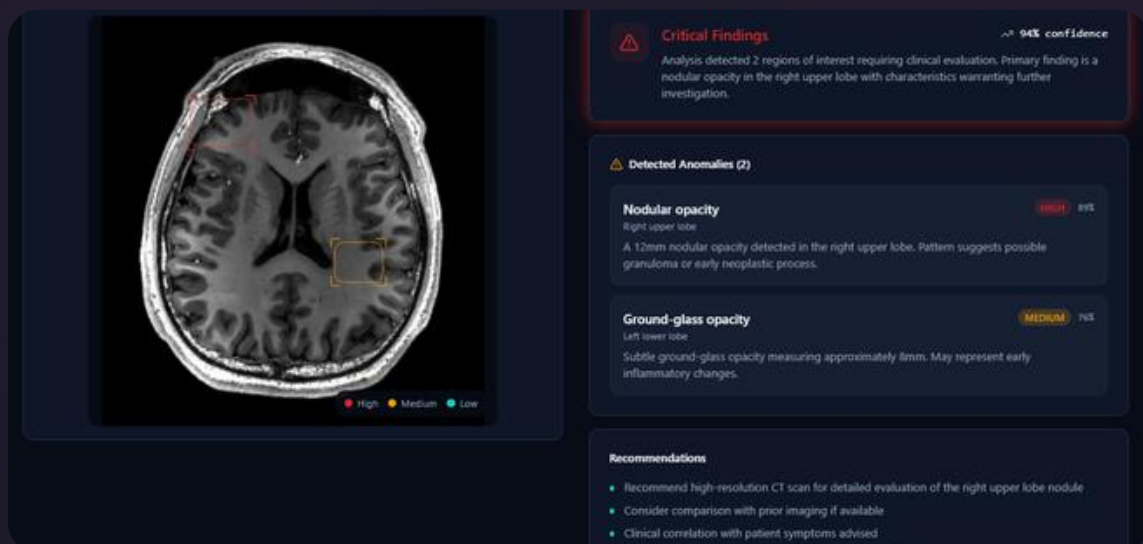


Best for Students Interested In
Medicine, Medical Image Analysis, Deep Learning (CMMs)

Example Final Project

Medical Image Diagnosis Assistant

AI x Biology



Other Example **Projects**



Revenue Forecasting Assistant

Turn raw financial data into proactive budget insights.

- Machine learning model analyzes historical sales
- Predicts revenue trends and flags shortfalls



Learning Chatbot for Heritage Languages

Offer accessible, data-driven guidance for everyday health.

- Analyzes dietary habits to surface nutritional gaps
- Triage symptoms to suggest when to seek care



Nutrition or Symptom Helper

Preserve at-risk family languages through interactive AI conversation.

- Conversational AI tutor with personalized vocabulary
- Helps practice and preserve heritage languages



Local Impact Analyzer

Make global climate data tangible at the neighborhood level.

- Tracks hyperlocal environmental data
- Surfaces climate patterns from public datasets



Which **Delta AI** program is right for you?



Details	Delta AI Intensive (Cohort)	Delta AI Immersive (1:1)
Best for	Cohort-based learning to build an AI project.	Personalized, in-depth coaching for advanced technical projects.
Schedule & Duration	5 Weeks on Sat/Sun. Tailored to global time zones.	Flexible; Scheduled as per student availability.
Mentorship	• Group sessions (6:1 ratio) • 2x 1:1 mentoring sessions • Email support and office hours.	• 25 hours of 1:1 mentoring • Takeaway Assignments • Email support and office hours.
Outcomes	• Personal Project • Recommendation Letter • White Paper	• Advanced Project • Recommendation Letter • White Paper • Industry Panel Review
Price (USD)	\$2200	\$4800

Delta AI **Intensive**

Build and launch a real AI project in a structured, cohort-based program. Develop and deploy an application, document your work on GitHub, and present your final product at Demo Day.

USD 2,200

Delta AI **Immersive**

Create a fully personalized AI project with 1:1 mentorship, from idea to deployment. Build a production-ready application, publish a complete GitHub portfolio, and earn a mentor recommendation letter.

USD 4,800

Get Started

Scan the QR code below!



admissions@deltainstitute.co