DELTA
INSTITUTE

Student **Success Stories**

Hear the inspiring stories from
Delta Institute's alumni

Want to be the next success story?
Register your interest by scanning the QR code below!

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www.deltainstitute.co

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About
Delta Institute

We aim to make high school students stand out and find their “Delta” factor in competitive college applications.

At Delta Institute, we equip ambitious high school students with the knowledge, networks, and experiences they need to make informed decisions about their future. Our programs are designed to bridge the gap between academic learning and real-world application offering access to global mentors, hands-on projects, and guided exploration across industries. We believe early exposure leads to better decisions and better decisions shape stronger futures.

Results
That Matter

Delta Institute has already developed a track record of identifying and nurturing some of the world's brightest young minds early on in their education journey.

Here are the results of acceptances from our past alumni:

4300+

Students have joined Delta Institute programs worldwide

1000+

Top University offers secured by Delta students

15+

Global companies in partnership with Delta Institute

- UPenn
- Yale
- Brown
- Cornell
- NYU
- Stanford
- UCLA
- Northwestern
- LSE
- King's College London
- Cambridge
- Northeastern
- Imperial College London

Admissions Outcomes

- **800+** Delta students accepted to **Top 50 US Universities** including the **Ivy Leagues, MIT, Stanford, UC Berkeley**, and more!
- **150+** Delta students accepted to **Top 10 UK Universities** including **Cambridge, Imperial College London, UCL, LSE**, and more!

Overall Acceptance Numbers

1879

Total Acceptance to All Universities

59

Ivy League Acceptance

11

Oxbridge Acceptance

DOWNLOAD THE FULL 2025–2026 ADMISSIONS REPORT [HERE]

Disclaimer

All testimonials shared here are **authentic** and **collected directly from feedback calls** with our students. We value transparency and strive to provide genuine insights into the Delta Careers experience.

Please note that while we aim to include student names and photos, we respect their privacy and **do not publish names/images without their explicit consent**. That would be the reason we're not including their portrait images or full name in the testimonials.

Thank you for understanding,

The Delta Institute Team

ADVAY M.

“I liked the interactive nature of the Discover program the most. The activities, group discussions, and real-world examples made it easier to understand different career paths and how they align with personal strengths and values.”

READ ADVAY'S STORY →

PAYTON R.

"I feel like it gave me the opportunity to experience what it will be like to actually work in that industry. Deepen gave me a very valuable lesson in how to actually do the job."

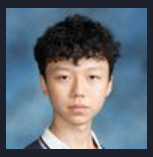
READ PAYTON'S STORY →

Penn

ARIYA T.

“After doing this program, I have more insight into Ferrari and about their DNA—how they focus on being a racing team rather than a business. Of course, there are business aspects, but my perspective has shifted.”

READ ARIYA'S STORY →



UNIVERSITY OF OXFORD

JAY L.

“I’d say the program was really enjoyable for me as a prospective law student. I had no past experience in this, so the program really gave me insight into what lectures in university are like and the structure of legal arguments.”

READ JAY’S STORY →

DEMI

“Be open to learning and expect the unexpected. Before the program, I never would have thought I could program something like this. But I did. So just be very open to learning and be very diligent."

READ DEMI'S STORY →

FORDHAM UNIVERSITY

HAYATO M.

“I never thought I could create a project that integrates my culture and AI. This experience has opened new doors for me."

READ HAYATO’S STORY →

Step inside the real stories of Delta students—blog posts, breakthroughs, and behind-the-scenes moments:
deltainstitute.co/deltaspotlightseries

DELTA
CAREERS

DELTA
CAREERS

Discover

How early career clarity helps students choose their path with confidence

Discover by Delta Careers is a four-week **career exploration program** designed to help high school students understand their strengths, values, interests, and how these connect to real career paths.

They are supported by mentors, career strategists, and subject matter experts with backgrounds across business, technology, law, healthcare, and creative industries, bringing real-world insight into each student's journey.

Mentors from

RIMAC AUTOMOBILI · NSS NATIONAL SPACE SOCIETY · TEDx · EGYPTAIR A STAR ALLIANCE MEMBER

INDUSTRY | **BUSINESS**

Advay M.

DISCOVER PROGRAM

"I liked the interactive nature of the Discover program the most. The activities, group discussions, and real-world examples made it easier to understand different career paths and how they align with personal strengths and values. It didn't feel like a regular class, it felt more like a journey to explore who I am and where I might want to go in life."

During the program, **Advay got firsthand insight into finance world and career advice**, from someone shaping the future of fintech—an inspiring moment that shows the power of Delta's Discover Program. In addition, through psychometric tests, Advay **explored his own values and gained clarity on the career trajectories best suited for him.**

INDUSTRY | **MEDICINE**

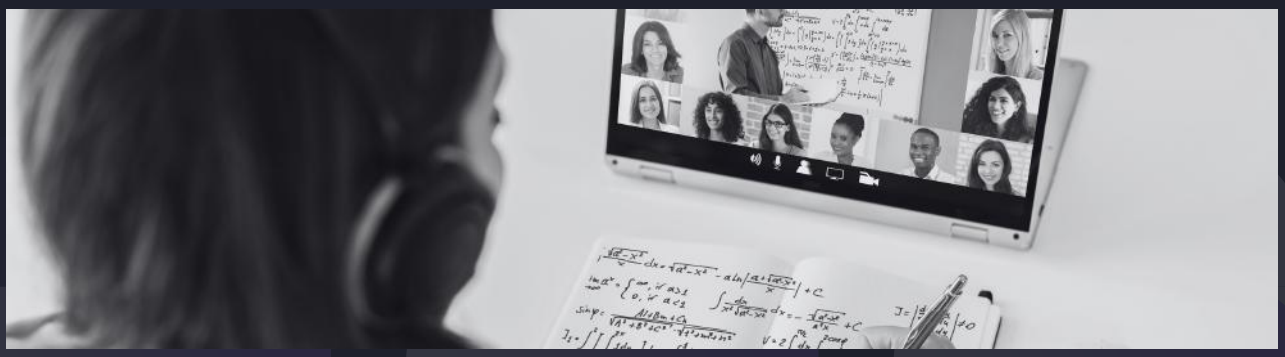
Yifei W.

DISCOVER PROGRAM

"Discover helped me learn so much about myself. I really valued all the career and personality assessments—and having a career coach who explained my strengths and what careers might suit me. It gave me a much clearer understanding of who I am and what I could do in the future."

Yifei had the chance to connect with a **future emergency medicine specialist,** who shared valuable advice and guidance on pursuing a career in medicine. Combined with insights from her personality tests, Yifei **gained a deeper understanding of the many layers and career paths within medicine that align with her strengths and values.**

DELTA CAREERS - DELVE



Delve

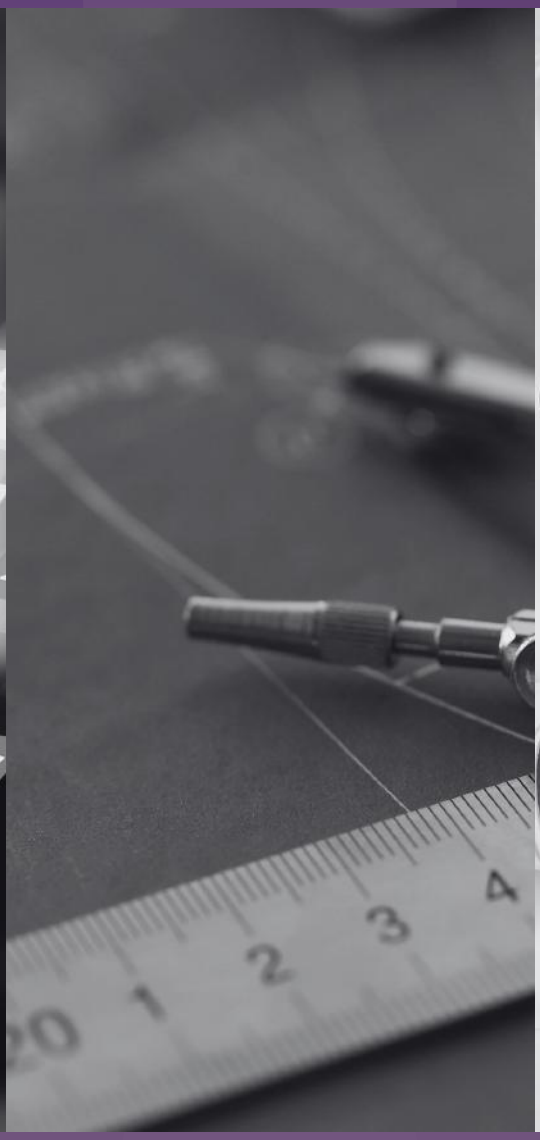
How real-world work experience helps students turn interests into direction

Delve by Delta Careers is a guided **work experience program** designed for high school students who want to explore their field of interest through real industry projects.

Throughout the program, students are guided by professional mentors and industry experts from globally recognized companies across fields such as technology, engineering, law, business, finance, healthcare, and sustainability, helping them experience what it is like to apply their interests in a real professional setting.

Partner Companies

DELTA CAREERS - DELVE



Tech, Engineering, Healthcare & Medicine

From Thailand
to Top Engineering Schools

Ariya

Ferrari Work Experience Program

"After doing this program, I have more insight into Ferrari and about their DNA—how they focus on being a racing team rather than a business. Of course, there are business aspects, but my perspective has shifted. Ferrari isn't just trying to maximize profit margins; they have a passion for racing, and that's what I really admire."

MEET ARIYA

Ariya T. is a student from Thailand with a strong passion for engineering, innovation, and sustainability. Before Delta Careers, he had already been selected as one of 400 UNESCO Learning Planet Youth Fellows, but he wanted real-world experience that could help him turn his interests into something more practical and impactful.

WITH DELTA

Ariya joined the **Ferrari Work Experience Program,** where he worked on a challenge to design Ferrari's first electric vehicle while staying true to the brand's racing DNA. The project pushed him to think critically about aerodynamics, battery efficiency, sustainability, and the future of automotive innovation.

After the program, Ariya continued building on this experience. He led a team to the **World Finals of the F1 in Schools Competition**, competing against 17,000+ teams worldwide, and pitched his engineering research to seven multinational companies.

Ariya has since **received offers from the University of Pennsylvania, Georgia Institute of Technology, and Carnegie Mellon University.**

Penn University of Pennsylvania

Georgia Tech

Carnegie Mellon University

From Syria **to Princeton**

Hala H.

Uber Work Experience Program

"Participating in this program is also a unique opportunity to bridge my passion for computer science with real-world applications in various industries. This program offers unparalleled exposure to cutting-edge technologies and industry practices that align perfectly with my goal of leveraging technology to drive social impact and innovation."

ABOUT HALA

Hala, a high school student from Syria, has always been drawn to technology and design. With experience in graphic design, Figma prototyping, and innovation challenges like the Ada Lovelace Hackathon, she wanted to understand how technology could solve real-world problems beyond the classroom.

WITH DELTA

Through the Uber Work Experience Program, Hala worked on a team challenge to **design a new Uber app prototype for teenage riders**. She conducted market research, interviewed users, analyzed Uber's competitors, and helped guide the project with a focus on safety, accessibility, and user engagement.

The experience strengthened Hala's technical skills, leadership, and confidence in applying technology to meaningful challenges. In 2024, Hala secured a **full-ride scholarship to Princeton University**, where she will study Computer Science and continue exploring how innovation can drive social impact.

HEAR HOW HALA'S STORY UNFOLD ON
www.youtube.com/@delta.institute

From Philippines to UPenn

Fahsai

Space Tech Work Experience Program

MEET FAHSAI

Fahsai had always been fascinated by physics, mathematics, and aerospace engineering. But before Delta Careers, most of her experience came from school, textbooks, and theoretical learning.

WITH DELTA

Through SpaceTech Work Experience Program, Fahsai worked on a real-world aerospace challenge: designing an innovative yet realistic Martian lander. She and her team researched Mars' atmosphere, analyzed material choices, explored propulsion systems, and balanced ambitious ideas with practical engineering constraints.

The experience helped Fahsai apply her technical knowledge in a professional setting while strengthening her research, collaboration, and problem-solving skills.

In 2024, Fahsai was **accepted into the University of Pennsylvania's School of Engineering and Applied Sciences**, where she will continue pursuing her passion for space technology and aerospace engineering.

"The program gave me a real sense of what it's like to collaborate on an engineering project—and I loved every second of it."

Accepted to **OXFORD**

Zainab A. M.

PWC WORK EXPERIENCE PROGRAM

Our Nigerian student based in Egypt, Zainab has recently **received an offer to study Philosophy, Politics, and Economics (PPE) at Oxford.** She demonstrated exceptional leadership skills as the team leader for the winning team of the **PwC Work Experience Program.**

Under her guidance, the team proposed a strategic plan for Tesla to initiate production and distribution in Indonesia, aimed at bolstering Tesla's sustained growth as the leading contender in the electric vehicle market.

Hao Le

UBER WORK EXPERIENCE PROGRAM

Hao Le's journey from **Vietnam to Oxford University** is a testament to his talent, determination, and academic excellence. During his gap year after graduating from high school at Anderson-Serangoon Junior College, with an ASTAR scholarship from the Singapore government - Hao chose to participate in the **Uber Work Experience Program**, where his leadership skills and collaborative spirit shone brightly. As the team lead, Hao's adept management and cohesive teamwork propelled his team to success.

While Hao has decided to enroll at Oxford University, **he also received offers from prestigious institutions worldwide, including an Ivy League school and the University of Toronto.**

He worked tremendously hard for it. He achieved **all 7 A's in the Singapore A-level exams**, and his outstanding **score of 1540 out of 1600 on the SAT** showcase his intellectual prowess and mastery of academic disciplines.

Accepted to **TOP US UNIVERSITIES**

Dane Green

UBER AND FERRARI WORK EXPERIENCE PROGRAM

> Received acceptances into all target schools: **University of Manchester, Kings College London, Queen Mary London, Universidad Europa to** name a few.

A distinguished student from South Africa with a robust background in both academic and professional spheres. She has garnered recognition as the top achiever in **Uber's Work Experience Program and has gained valuable insights from her experiences with Ferrari.** Her collaborative research project with Imperial College's Department of Mechanical Engineering highlights her dedication to advancing knowledge in the field of combustion systems. Additionally, Dane's proficiency in Advanced Placement courses such as Calculus, Physics, and Statistics showcases her strong analytical and mathematical capabilities.

Anika S.

UBER WORK EXPERIENCE PROGRAM

A talented student from California who has made significant strides in both her academic and extracurricular pursuits. As a participant in the **Uber Work Experience Program**, she gained valuable industry experience. Anika's dedication to her studies and passion for technology led to her Early Decision acceptance into the prestigious Jerome Fisher Program in Management & Technology at the **University of Pennsylvania**.

As the President of the Mobile Development Club, Anika has shown outstanding leadership by organizing weekly meetings and creating a curriculum that has empowered over 30 members to learn app development using React Native. She has also facilitated important discussions on the latest developments in the app industry and provided members with opportunities for internships and hackathons.

Anvitha V.

UBER & AWS WORK EXPERIENCE PROGRAM

HER BACKGROUND

Anvitha Vijay's journey epitomizes the spirit of seizing opportunities and pushing boundaries from a remarkably young age. Hailing from **Melbourne, Australia,** Anvitha embarked on a transformative trajectory through her engagements with Delta Careers, where her resilience, leadership, and technical adeptness propelled her to remarkable heights.

During the **Uber Work Experience Program**, she immersed herself in the complexities of technology and business operations within one of the globe's leading ride-hailing enterprises. This experience served as a catalyst for her passion for innovation and problem-solving, laying the groundwork for her subsequent achievements.

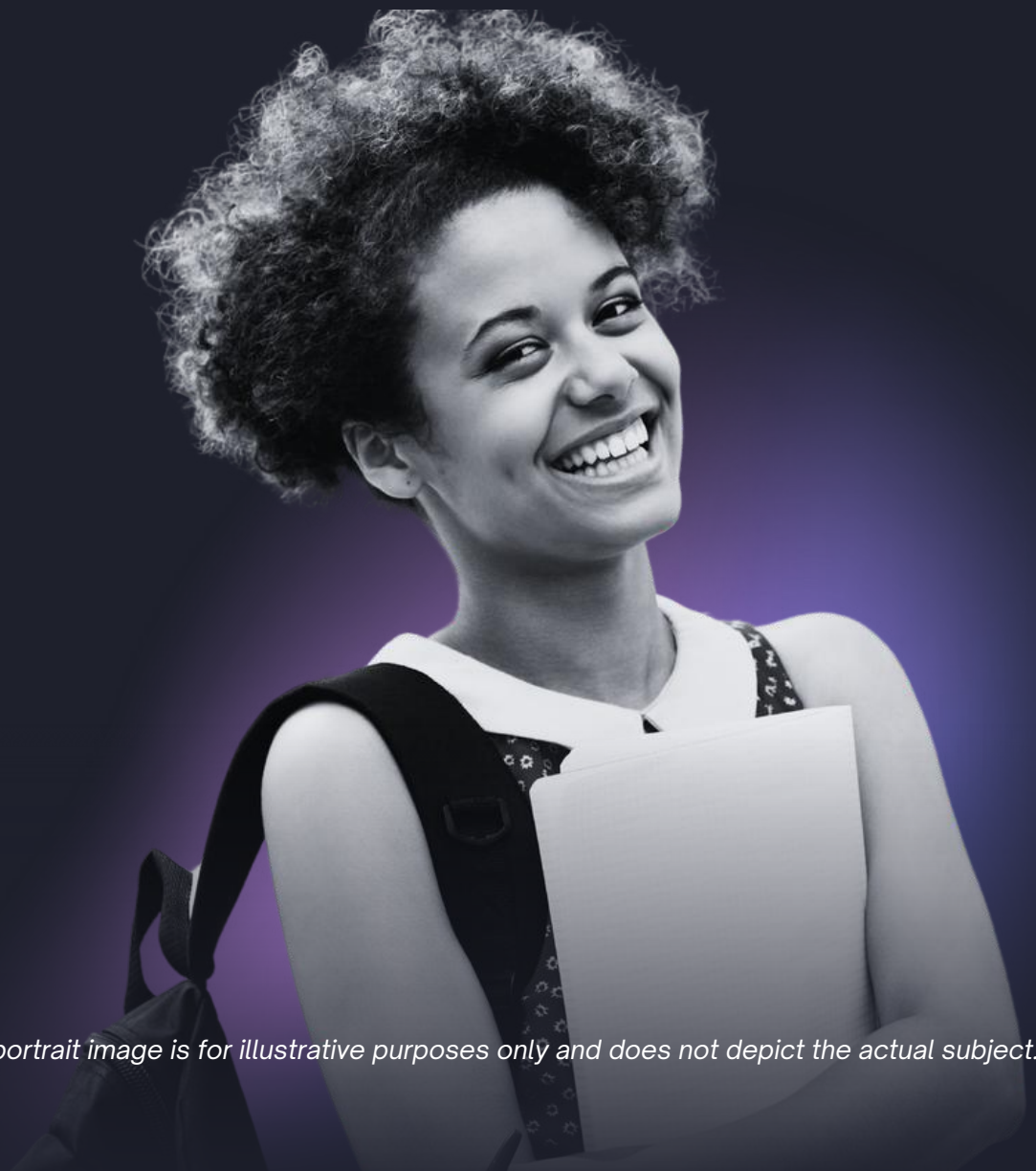
Anvitha ventured into her next endeavor, by participating in the **AWS (Amazon Web Services) Work Experience Program.** Here, she not only showcased her technical prowess but also emerged as a leader. As the Team Lead of the winning team amidst 17 competing teams, Anvitha exemplified her capacity for collaboration, innovation, and driving tangible outcomes.

ANVITHA'S OTHER ACHIEVEMETS

- **Delta Careers Honors Certificate**
  - Anvitha's exemplary performance garnered well-deserved recognition. She received the Delta Careers Honors Certificate, acknowledging her outstanding contributions and placing her within the distinguished Top 10% of participants in the AWS Program's cohort. This distinction came in recognition of her unwavering commitment to excellence.
- **Apple Worldwide Developers Conference**
  - By the age of nine, Anvitha's exceptional talent caught the attention of the tech world, earning her an invitation to attend WWDC—the Apple Worldwide Developers Conference—as part of the tech giant's prestigious scholarship program for young coders. Remarkably, she was the youngest attendee at the conference.
- **Forbes 30 Under 30**
  - Beyond her coding abilities, Anvitha's impact extends beyond technology. She was recognized in the prestigious Forbes 30 Under 30 list for Consumer Technology in Asia in 2017, a testament to her groundbreaking contributions at a very young age. Anvitha is not only a tech prodigy but also a visionary leader, serving as the Founder Lead of Lead @ The Table—a platform dedicated to empowering girls and young people to take charge and lead at the table of change.

This portrait image is for illustrative purposes only and does not depict the actual subject.

“ I'm passionate about empowering young people to be **bold**, **impactful leaders**, not just having a seat at the table but **leading at the table**.



This portrait image is for illustrative purposes only and does not depict the actual subject.

Michael Huang

ALUMNI OF FERRARI WORK EXPERIENCE PROGRAM 2023

Accepted to
UC San Diego

SCAN ME!

Scan to watch Michael's inspiring story unfold on YouTube!

"I think this program makes me a very well rounded student that is both capable in a lot of math calculations and engineering techniques, and it also shows that I have the ability to conduct market research and to combine with several fields with my interest.

I would definitely recommend Delta Careers to my friends or like future students who want to participate in this kind of experiences, because it can give you a first hand experience in the field, and it can also help you garner some knowledge from different aspects, such as engineering or even finance business, and that can help you become more well rounded students who can demonstrate your interests and abilities in your college application process."

Kelly K.

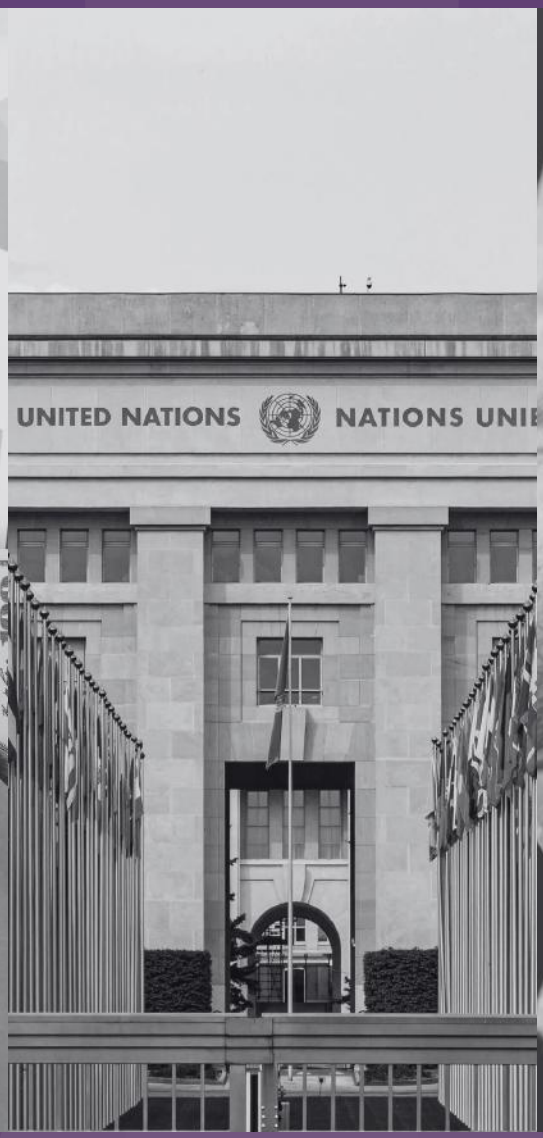
ALUMNI OF THE VEIN INSTITUTE WORK EXPERIENCE PROGRAM 2024

Accepted to
University of Manchester

"This experience was really valuable because I learned so much more about vascular conditions in detail- far beyond what we usually cover in school. My favorite part was the first lecture, where we analyzed scientific papers, identified their limitations, and discussed research methods. I found this especially useful since these are the kinds of skills we'll need in university.

During group discussions, everyone was very active and collaborative, and I enjoyed sharing ideas and learning from my peers. Overall, the program helped me strengthen my scientific understanding, critical thinking, and collaborative skills, which I know will be really helpful for my future studies."

DELTA CAREERS - DELVE



Business & Finance, Law, Humanities

From Hong Kong to Oxford

DENTONS

"I'd say the program was really enjoyable for me as a prospective law student. I had no past experience in this, so the program really gave me insight into what lectures in university are like and the structure of legal arguments, especially the IRAC method. Getting direct feedback from real lawyers was incredibly helpful, and I always felt supported by the Program Coordinator and mentors."

Jay L.

Dentons Law Work Experience Program

JAY'S STORY

Jay, a high school student from Hong Kong, has always been drawn to law.

His passion for debate helped him build strong skills in research, critical thinking, and argumentation, but he wanted to understand how legal reasoning works in real professional settings.

WITH DELTA

Through the **Dentons Work Experience Program**, Jay worked on a complex legal case using the IRAC framework. He learned how to break down case facts, identify key legal issues, build compelling arguments, and defend his position in front of Dentons lawyers.

The experience strengthened Jay's analytical thinking, communication, and confidence. It also gave him valuable exposure to how lawyers approach complex problems beyond the classroom.

In 2024, Jay was accepted to the **University of Oxford**, where he will study Law and continue building the foundation for his future legal career.

UNIVERSITY OF OXFORD

From Zimbabwe to York University

Chiedza

Big4 Work Experience Program

"Before the program, I wasn't sure what I wanted to do. I had vague ideas about humanitarian work, but I didn't know how to incorporate business into my career path. I joined the Big4 Work Experience Program with an open mind, and I was surprised by how much I enjoyed it. I had always loved business, but I never realized how much I would enjoy consulting. The experience helped me see how business principles are applied in the real world, and it gave me confidence that I could pursue a career in this field."

"The program opened my eyes to a whole new side of business that schools don't teach, and I would definitely recommend it to anyone looking to gain real-world experience."

ABOUT CHIEDZA

Chiedza has always been passionate about humanitarian work. She envisioned a future where she could combine her interest in social impact with business, strategy, and financial consulting.

WITH DELTA

Through the **Big4 Work Experience Program,** Chiedza worked on a 28-page consulting case study that challenged her to analyze complex data, apply financial strategy, and develop actionable business recommendations.

The experience helped her strengthen her strategic thinking, financial literacy, and confidence in applying business concepts to real-world problems. It also gave her clarity on how consulting could align with her long-term goal of working with NGOs and mission-driven organizations.

In 2024, Chiedza was selected as a recipient of **York University's President's International Scholarship of Excellence,** receiving a total of CAD 195,000 in funding to pursue her studies.

Lindsey Madisson

ALUMNI OF STRIPE WORK EXPERIENCE PROGRAM 2024

Accepted to **University of Pennsylvania, Political Science** **WITH A FULL RIDE SCHOLARSHIP!**

SCAN ME!

Scan to watch Lindsey's inspiring story unfold on YouTube!

"I could not just learn about different Finance and Economics, topics or concepts. But also I had the chance to collaborate with a team with different backgrounds, with different locations, into solving a problem related to a case study we were analyzing. And we were working towards all the 4 weeks of the program. So it was really useful, and I consider it to to be a really a really good tool for my application and also for my development as a person.

I definitely consider it to be a boost in the college applications."

Shrey Bajiya

ALUMNI OF LEGALIST WORK EXPERIENCE PROGRAM 2024

Accepted to
London School of Economics

"If I had to describe Delta Careers in one sentence, I'd say it's a program that really helps you dive into the real world experience of a field you're interested in. For me, that meant getting a taste on what it's like to be a Legalist Financial Analyst.

It just wasn't theory. It was actual hands-on experience. What really made the Delta Careers program stand out for me was how it helped me differentiate myself from other students. The mentorship and hands-on experience were just next level.

I got to work on real world case studies which not only gave me unique insight but also taught me how to analyze situations critically. These are the kinds of skills that I know which will help me stand out in my college application especially when I'm applying to competitive schools."

Neev Turakhia

ALUMNI OF PERENNIAL PARTNERS WORK EXPERIENCE PROGRAM 2024

Accepted to **Cornell University's College of Arts and Sciences**

SCAN ME!

Scan to watch Neev's inspiring story unfold on YouTube!

"I was super duper excited for this program! To be honest, I had never done such a work experience program, so all of it was a first time for me. I had fantasized it all, it was a very unique thing for me! From making different connections globally to working with global leaders who are experts in this field, to working with different time zones, making (working on) case studies, doing analysis, learning from the best. I had so many expectations and like, trust me, after that one and a half month, all of those expectations were fulfilled, when on the final pitch night, we did it all!

This program definitely enhanced my college applications, because of apart from writing (showcasing the experience) in my college applications, this (program) has importantly given me an experience, a learning experience that no other program does."

Ryder X.

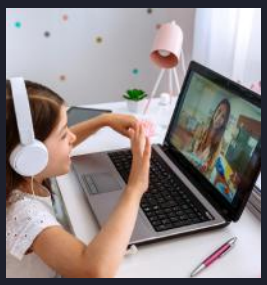
ALUMNI OF STRIPE WORK EXPERIENCE PROGRAM 2024

Accepted to **Carnegie Mellon University & University College London**

"My favorite part of this program was how it helped me refine my communication skills, especially in a professional setting. This was my first remote internship, and it felt very different from my previous in-person experience. It taught me how to communicate effectively online and collaborate as part of a team.

I also learned many useful financial toolkits, which made me feel more well rounded, especially as someone interested in business management. Compared to my past internship, where I mostly communicated with adults and supervisors, I found it easier and more enjoyable to work with people my age and collaborate in a group."

Other **Testimonials**



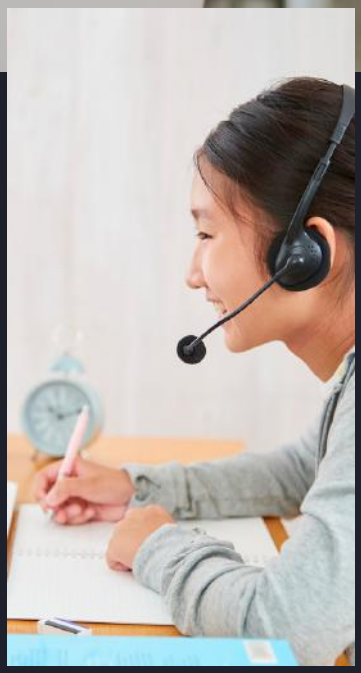
"If you're thinking about joining Delta Careers, go for it. It's a great program with lots of support, and you get to meet amazing people who are passionate about what they do. You get to step into a professional world—and actually feel like you're contributing something."

William P., Dentons

"What I liked most about these sessions was the intuitive and comprehensible instruction by the Module Leader. I also appreciated how there was an attempt to balance out the content by using career toolkits sessions."

Clarence A. AWS

"It was very holistic and very like insightful in my opinion. I feel like the module sessions are very well crafted and it's like a great synthesis of all of the information that we would need for investment banking industry. Everything has just been really eye-opening and knowledgeable. And the careers tool kit was like super helpful it really helped me identify the difference between hard skills and soft skills. I'll definitely be using a lot of those skills going forward!"



Lucy D., Stripe

Project Examples by Students

AWS WORK EXPERIENCE

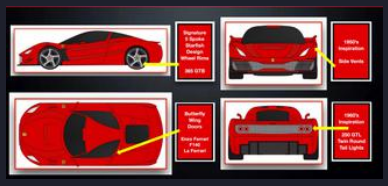
Project Name: **Investing in PayPal**

Students **analyzed PayPal's stock market value.** Paypal has remained at the forefront of the digital payment revolution for more than 20 years. Through their valuation and sensitivity analysis, the team argued that PayPal is in fact undervalued in the current stock market and hence, is worth investing in.

PERENNIAL WORK EXPERIENCE

Project Name: **Investing in Coca Cola**

Students analyzed **Coca Cola's stock market value.** As Coca Cola is worth over $250 billion USD, the team's analysis suggested that they are worth investing in. The team owed this decision to the brand being reputable and stable with expected growth in revenue and net income.



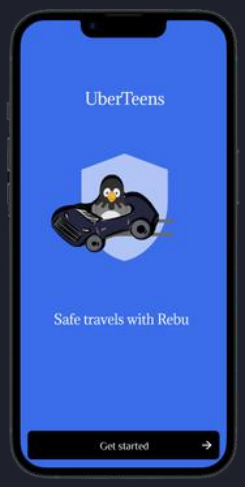
FERRARI WORK EXPERIENCE

Project Name: **Ferrari 523 Ravenna**

Students designed the Ferrari 523 Ravenna - **the first electric Ferrari.** The team opted for 5743 cells; 210kWh Solid State Battery that provides greater energy storage density, increased reliability and wear resistance, faster charging, and improved operational safety. This team's production elements were unmatched with the 523 Ravenna made to amplify motor sounds to create an authentic Ferrari sound. The team also employed digital modeling and were the only team to present a complete 3D rendering of the car.

ACCESS MORE PROJECT EXAMPLES IN **[OUR PROJECT GALLERY]**

Project Examples by Students



UBER WORK EXPERIENCE

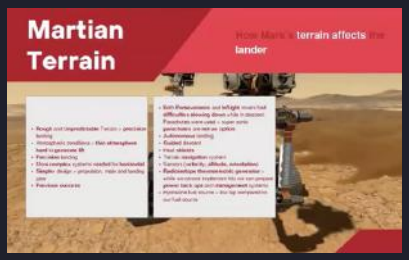
Project Name: **Uber Teens**

A **prototype** for a version of the Uber ride sharing app catered specifically to teenagers with a speedometer where the rider can limit their ride's speed. The speedometer also notifies parents when the ride goes above a certain speed.

AWS WORK EXPERIENCE

Project Name: **Forest Cover Type**

Partnering with Colorado State University to create a classification model that **predicts the forest cover type for Roosevelt National Forest** and later for all national forests in the US! The team utilized AWS Sagemaker, stored in S3 buckets, processed multiple algorithms and used ml.t2 to run algorithms.



SPACE TECH WORK EXPERIENCE

Project Name: **Artemis Red**

Partnering with Icehouse Ventures in Space Tech to **design a descent system for a crewed mission to Mars**. The team analyzed Martian atmospheric conditions, terrain challenges, and propulsion efficiency, developing a proposal that integrates precision landing systems, aerodynamic drag reduction, and propellant management for safe, controlled descent.

ACCESS MORE PROJECT EXAMPLES IN **[OUR PROJECT GALLERY]**

Deepen

How personalized mentorship helps students build advanced, portfolio-ready projects

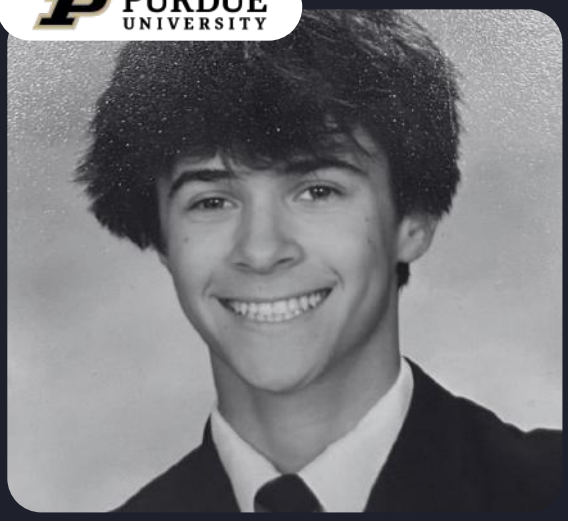
Deepen by Delta Careers is an exclusive, fully personalized mentorship program designed for high school students who are ready to explore a specific subject area in greater depth.

Students are supported by mentors, industry professionals, Ivy League graduates, career strategists, and subject matter experts with backgrounds across business, technology, law, healthcare, creative industries, and more, helping them turn their interests into a high-impact project with real-world relevance.

Mentors from

pwc Microsoft amazon Google AIRBUS

Aerospace Engineering



Connor F.

DEEPEN PROGRAM

Incoming **Mechanical Engineering student at Purdue University**

"I find engineering extremely interesting, specifically the idea that I can bring my own ideas to life. I want to ask questions, get feedback, and see my ideas evolve from concept to execution."

The project Connor worked on was the **Natural Disaster Imaging CubeSat, a mission designed to demonstrate the feasibility of a small, low-cost satellite that could provide high-resolution imagery during natural disasters.** The kind of imagery that helps response teams figure out where to go, what is flooded, where fires are spreading, and which roads are blocked.

Over the course of the programme, Connor worked through every major dimension of the mission. He defined orbital parameters, settling on a 500 to 600km altitude with a 95-minute orbital period and a 16-day repeat cycle, cross-referencing data from 10 real Earth observation missions including ALOS-2, COSMO-SkyMed, and the Atlantic Constellation.

Connor finished the programme with a mission portfolio that covers orbital mechanics, power system design, ground station network analysis, 3D CAD modelling, and a physical prototype. Skills that most students his age have never touched. He was accepted to five universities, including Virginia Tech, CU Boulder, UCF, San Jose State, and Purdue. He chose **Purdue to study Mechanical Engineering, one of the strongest aerospace-adjacent programmes in the United States.**

FINAL PROJECT

Natural Disaster Imaging CubeSat

A small, low-cost satellite that could provide high-resolution imagery during natural disasters

Product Management

Payton R.

DEEPEN PROGRAM

"I had so much fun creating the project, and I'm honestly excited to continue doing more projects like that, including my own prompt engineering projects. **I would say the most valuable part was the final project, specifically doing user research and incorporating actual people.** I feel like it gave me the opportunity to experience what it will be like to actually work in that industry. **Deepen gave me a very valuable lesson in how to actually do the job.**"

Payton wanted to explore product management. Through hands-on exposure and mentorship, she gained clarity on the day-to-day responsibilities of a product manager, built a meaningful connection with an experienced mentor, and developed key skills such as cross-functional collaboration, user-centred thinking, and strategic decision-making. **This experience helped Payton take intentional steps toward a future career in product management.**

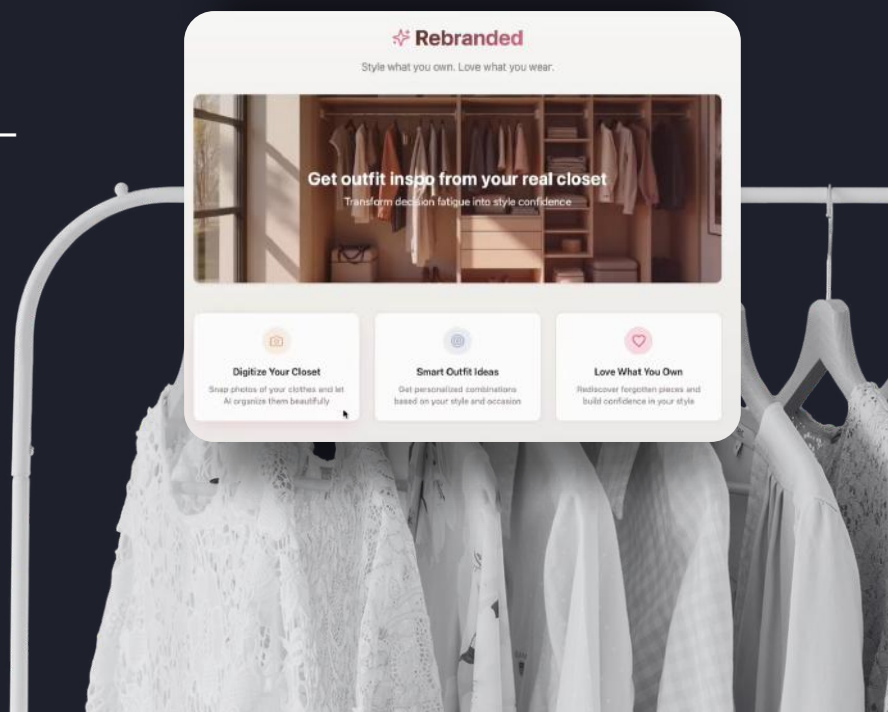
Payton developed an MVP that included a user journey and a demonstration video showcasing how it would be used. Her final project, **"Rebranded: Wardrobe — Taking Control of Your Own Wardrobe,"** focused on sustainability and personal ownership.

Together with TK, her mentor, she will continue exploring ways to make the product more scalable, **incorporating additional market research and considering how it could evolve into a real, sustainable business.** For example, the concept could be expanded into an app or website for a larger audience, such as clients at J.P. Morgan.

FINAL PROJECT

Rebranded: Wardrobe – Taking Control of Your Own Wardrobe

An AI closet app that turns decision fatigue into style confidence by rediscovering what you own



Sports Management

Gala D.P.

DEEPEN PROGRAM

"Through this mentorship, I gained a much deeper understanding of how football clubs operate as businesses and how strategic decisions influence both sporting success and commercial growth. The experience helped me clarify my career interests within the sports industry and strengthened my confidence in pursuing opportunities in football management."

Alongside the **LRO Athletic project**, Gala worked through the broader landscape of football business with Francisco. She studied **how clubs structure their revenue through broadcasting rights, sponsorships, and merchandise, and how regulatory frameworks like Financial Fair Play and Profitability and Sustainability Rules shape the decisions clubs can make.** She analysed real case studies on player branding and market positioning, and explored how data analytics and digital fan engagement are changing the commercial playbook for clubs at every level.

The core of the project was a three-year international expansion plan, starting the club in the Championship and charting a path to the Premier League while building a global brand. By Year 3, the plan targets three million international digital fans, two North American academies, 25 to 30 percent of commercial revenue from international markets, and at least one academy graduate established as a recognisable name in world football. The club's identity throughout is built on an academy-first philosophy, the belief that developing talent from within is not just ethically right but commercially sustainable.

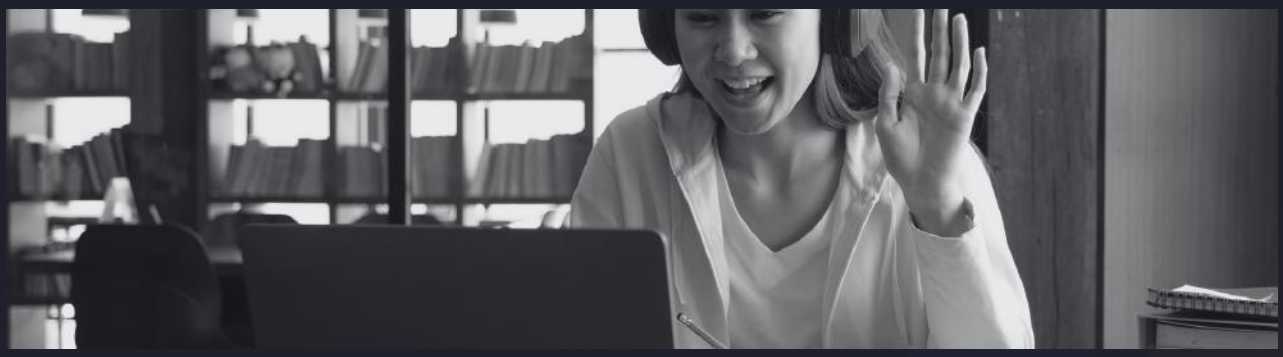
FINAL PROJECT

LRO Athletic

A three-year plan to grow a football club's global brand through academies, digital fans, and academy-first philosophy

DELTA
LAUNCH

Delta Launch



AI & Code

How learning with exclusive mentors from top companies helps students build standout, portfolio-ready coding and AI projects

Delta AI & Code by Delta Launch is an exclusive, hands-on mentorship program for high school students who are ready to build real-world projects in artificial intelligence and software development.

Students are guided by senior engineers, researchers, and leaders from top tech companies like Google, Microsoft, Amazon, NVIDIA, and more, helping them turn their passion for technology into portfolio-ready projects with tangible impact.

Mentors from

pwc Microsoft amazon Google AIRBUS

DELTA LAUNCH - DELTA AI

Delta AI Intensive

Anxiovoice AI is **Just The Beginning**

Oluwademilade

Delta AI Alumna &
Crimson 18U18 Winner

"Be open to learning and expect the unexpected. Before the program, I never would have thought I could program something like this. But I did. So just be very open to learning and be very diligent."

ABOUT DEMI

Demi O., a 16-year-old student from Lagos, Nigeria, has always been passionate about combining technology with mental health support. Her goal was to create something that could make anxiety care feel more accessible, personal, and immediate.

WITH DELTA

Through Delta AI, Demi developed **Anxiovoice AI, a voice-based mental health support app designed to help users manage social anxiety.** The app uses AI to detect signs of stress through vocal cues, then guides users through calming exercises, breathing techniques, and personalized support.

The project helped Demi turn her personal mission into a real AI-powered solution, strengthening her skills in product thinking, empathy-led design, and social impact innovation.

Anxiovoice AI is only the beginning. Looking ahead, Demi's vision stretches far beyond Anxiovoice AI. She's on a mission to weave a network of support across the digital landscape, envisioning projects that extend a hand to those battling not just anxiety, but depression and other mental health challenges. While she contemplates incorporating computer science into her academic pursuits, her real aim is to continue being a pioneer at the intersection of technology and mental well-being.

ANXIOVOICE.AI

AI x Finance

Arnav Aggarwal

DELTA AI INTENSIVE

Accepted to **University of Warwick** and **Kings College London**

"The Delta AI program was a really fun and engaging experience. I loved how flexible it was, even when I couldn't attend live sessions, the recordings and mentor support helped me stay on track. Building my AI project gave me valuable insight into how websites can integrate AI, and I know the experience will be a great addition to my college applications."

AI x Education

Riyad Triki

DELTA AI INTENSIVE

Accepted to **Northeastern University** and **Fordham University**

"I learned how to code in Python and build a chatbot, which I know will be useful for my future studies in economics. The mentors were really supportive, and although the program was intense, it was a very rewarding experience."

AI x Finance

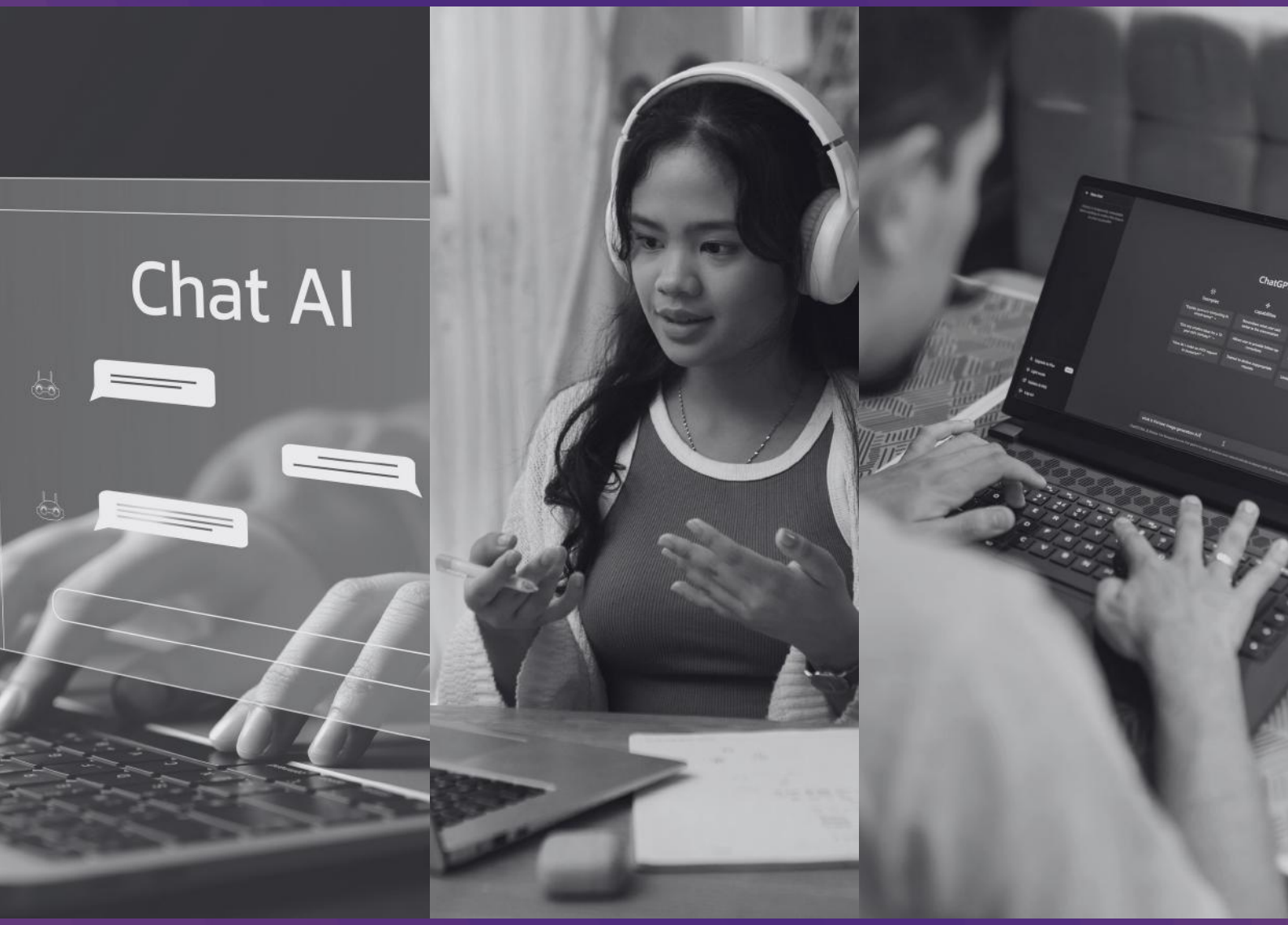
Yew Shen Ong

DELTA AI INTENSIVE

Accepted to **University of Manchester**

"The Delta AI program gave me the perfect starting point to apply my coding skills and explore AI in a hands-on way. I learned to use powerful tools like VS Code, ChatGPT, and Copilot to turn my ideas into a real project. The mentorship support and practical guidance made the whole experience both valuable and inspiring."

DELTA LAUNCH - DELTA AI



Delta
AI Immersive

AI x Art x Social Impact = **MiuraFold**

"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.

I never thought I could create a project that integrates my culture and AI. This experience has opened new doors for me. "

MEET HAYATO

Hayato is a Japanese student who had always been interested in technology, media, cybersecurity startups, and the intersection between AI and art.

WITH DELTA

When Hayato joined the **Delta AI Immersive,** he didn't have prior coding experience. And yet he created **NeuralFold**, an AI-powered origami instruction generator designed to make learning origami more accessible. The tool uses image recognition to identify uploaded photos and Gemini AI to generate step-by-step folding instructions.

Hayato M.

Alumni of Delta AI Immersive

MENTORS FROM Microsoft

Accepted to Fordham University

The project helped Hayato **develop technical skills in AI and computer vision while strengthening his creativity, independence, and problem-solving ability.** It also showed how technology can support cultural exchange by making a traditional art form easier for more people to learn.

Mentored by **Mansi U., an AI Engineer at Microsoft**, Hayato was able to turn an early interest in AI into a meaningful project that combined innovation, culture, and social impact.

AI x Environment = **Carbon Chatbot**

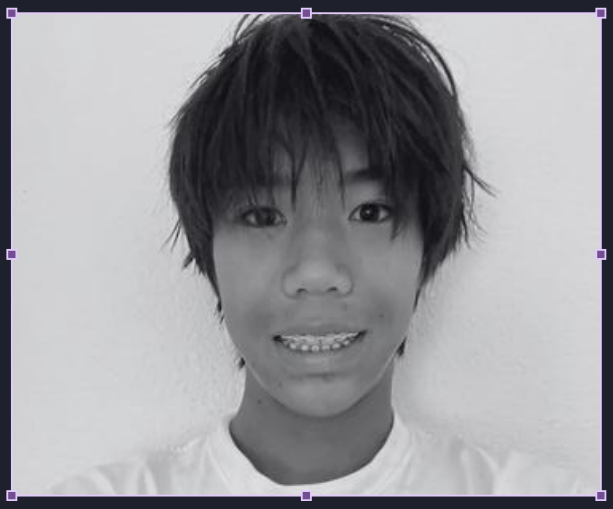
"Delta AI gave me a confidence boost , it made me realize I can do things I didn't think I could before. The experience has been very great. The 1 on 1 classes with the mentors are very engaging and my mentor guides me through every problem I have. During the classes, he also encourages thinking on myself rather than relying on him, making it a greater learning experience.

My project is a chatbot that describes the carbon emissions of different car models.
At first, it sounded impossible, but I'm really proud that I was able to finish it."

Ayumu Y.

Alumni of Delta AI Immersive

MENTORS FROM FOREO SWEDEN



MEET AYUMU

Ayumu Yamamoto is a student from the USA who had always cared deeply about the environment, climate change, and sustainability, but had no prior coding experience.

WITH DELTA

When Ayumu joined the Delta AI Immersive, he built Carbon Chatbot, an AI-powered tool that helps users **discover car emissions and make eco-friendly choices.** The chatbot compares gasoline and electric vehicles, explains environmental impact, and suggests low-emission alternatives — **all through a simple conversational interface.**

The project gave Ayumu a major confidence boost. He learned to deploy models locally, work with external APIs, and build a working web app **using Python, HTML, and CSS**. More than just technical skills, he discovered he could create something meaningful that helps people understand how everyday choices affect the planet.

Mentored by Uladzimir, an AI Developer at FOREO Sweden, Ayumu turned his passion for the environment into a real, portfolio-ready project — and proved to himself that nothing is impossible.

From Beginner to Creator: Kate's **Art Style Image Classifier**

Kate B.

Alumni of Delta AI Immersive

MENTORS FROM citibank

Accepted to New Jersey Institute of Technology (NJIT) and Boston Architectural College

"When I joined Delta AI Immersive, I was a complete beginner, but the program helped me understand coding step by step. I created an AI art-classification chatbot that blends my passion for art with new tech skills. The best part was realizing I could build something myself, not just use AI. I'm very proud."

MEET KATE

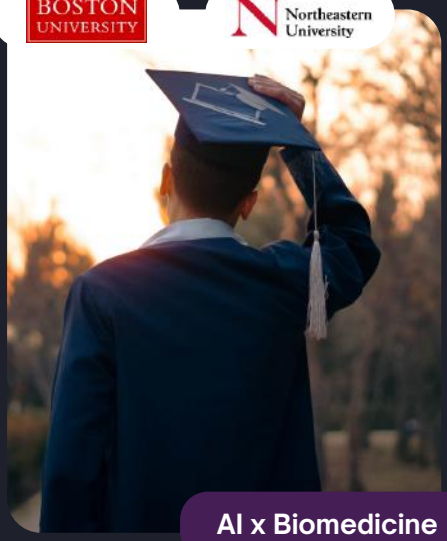
Kate joined Delta AI Immersive with a strong interest in painting, arts, and culture, but no prior coding experience.

WITH DELTA

Through the program, she created an **Art Style Image Classifier**, an AI-powered tool that can identify artwork styles such as Impressionism, Expressionism, Modern, and Abstract using trained image data.

The project helped Kate learn coding step by step while building practical skills in **Python, PyTorch, transfer learning, Roboflow, Matplotlib, and Seaborn.** More importantly, it showed her that AI can be used not just as a tool, but as a way to explore and expand her passion for art.

With guidance from **her mentor who is a Software Engineer at Citibank,** Kate turned her creative interest into a working AI project, gaining confidence in both technology and her own ability to build something from scratch.



AI x Biomedicine

Marteen R.

DELTA AI IMMERSIVE

Accepted to **Boston University** and **Northeastern University**

"I built my first full AI web application combining Python, HTML, CSS, and JavaScript all in one project. I loved how the program matched my level instead of starting from the basics, so I could jump straight into building something tangible. The one-on-one mentoring helped me understand both how to code and what's happening behind the code, I'll definitely be using these skills in my college journey in biomedical engineering."

AI x Environment

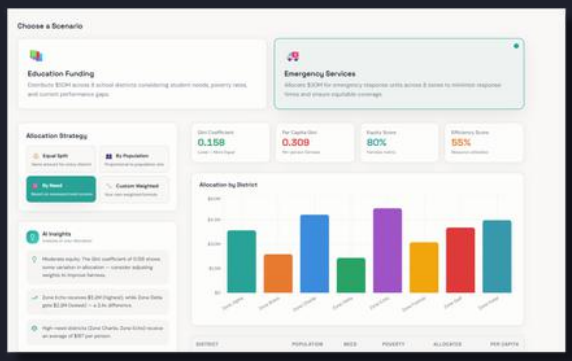
Bill Cui

DELTA AI IMMERSIVE

Accepted to **University of Southern California**

"Delta AI Immersive helped me understand what's actually going on behind AI tools, not just how to use them. Building my own project showed me how powerful AI really is beyond ChatGPT. The hands-on support made everything feel doable, and it honestly changed how I think about AI and what I want to study next."

Project Examples by Students



AI X PUBLIC POLICY

Project Name: **Resource Allocation Optimizer**

A smart optimization system that allocates public resources like emergency services and education funding, balancing efficiency and fairness. Inspired by tools used by governments and urban planners to make smarter, more equitable decisions.

AI X BUSINESS

Project Name: **Customer Churn Predictor**

A portfolio analytics tool that tracks stock holdings, evaluates returns, and analyzes risk to understand performance over time. The same kind of analysis used in investment research, wealth management, and financial technology.

AI X PSYCHOLOGY

Project Name: **Cognitive Behavioral Therapy (CBT) Thought Record Analyzer**

A machine learning tool that identifies cognitive distortions in text and suggests more balanced alternative perspectives. The same kind of technology used in CBT-based mental health tools, digital therapy platforms, and wellness applications.

ACCESS MORE PROJECT EXAMPLES IN **[OUR PROJECT GALLERY]**

Project Examples by Students

AI X MECHANICAL ENGINEERING

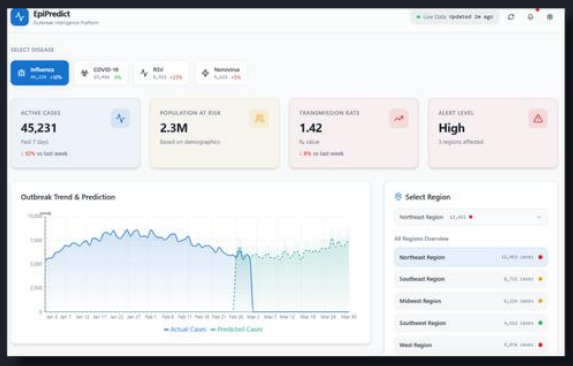
Project Name: **Energy Consumption Optimization for HVAC Systems**

A smart control system that optimizes HVAC energy consumption while maintaining comfort, using data, control models, and learning algorithms. The same kind of approach used in smart buildings and modern energy management systems.

AI X BIOLOGY AND MEDICINE

Project Name: **Epidemic Outbreak Predictor**

A forecasting dashboard that predicts disease outbreak patterns using real public health data. The same approach used by the WHO and CDC to respond to epidemics.



AI X ATHLETICS

Project Name: **Recovery Planner & Readiness Tracker**

A holistic recovery monitoring system that combines training load, sleep quality, muscle soreness, and mental readiness into a personalized recovery score, helping athletes avoid overtraining and optimize performance timing.

ACCESS MORE PROJECT EXAMPLES IN **[OUR PROJECT GALLERY]**

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