

Dahao Tang

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EDUCATION

University of Sydney

Bachelor of Advanced Computing (Computer Science)

February 2021 – December 2025

WAM: Distinction

University of Sydney

Bachelor of Commerce (Finance)

February 2021 – December 2024

WAM: Distinction

SKILLS

Languages: C, Python, Java, JavaScript/TypeScript, HTML/CSS, L^AT_EX

Tools: Git/GitHub, Unix Shell, Vim, VS Code, Linear, Figma, Stripe, Cloudinary

Frameworks: React, Next.js, Node.js, Express, Flask, Django, Tailwind, Shadcn.ui, Prisma, Apollo GraphQL, Gradle

PROJECTS

GigHero | *Startup: an online marketplace for onsite services*

April. 2023 – Present

- Tech Stack: React, Express.js, Prisma, Apollo GraphQL, Pothos GraphQL, Tailwind, Shadcn.ui, Auth.js, Stripe, Cloudinary
- Role: Co-founder, Web developer, Business strategy maker
- Experience gained:
 - * React-based website development
 - * Tailwind and Shadcn.ui for UI
 - * Prisma for ORM
 - * Apollo GraphQL for API management
 - * Market research, User investigation

ioulia | *Personal monthly project: AI assistant with long-term memory*

January 2024 – Present

- Tech Stack: Next.js, Flutter
- *Still in process*

Next.js User Authentication Template | *Personal Monthly Project*

December 2023

- Tech Stack: Next.js, Next.js server actions, Tailwind, Shadcn.ui
- Features:
 - * Credential register and login
 - * Social login
 - * Email verification (with Resend)
 - * Reset password

Searten Web Platform | *An MVP platform for Searten*

August 2023 – November 2023

- Tech Stack: React, Flask, AWS, Prisma, Tailwind, Shadcn.ui
- Experience gained:
 - * PDF saved to PostgreSQL and the retrieval and download
 - * Team management
 - * Communication with clients without tech-background

AI Tutor Assistant | *Personal Monthly Project*

October 2023

- Tech Stack: Jupyter Notebook
- Tried out Prompted engineering and Fine-tuning
- Help human tutors summarize the exercises done by each student every day in a given format

Personal Website | *Personal Monthly Project*

September 2023

- Tech Stack: Next.js, Tailwind, Shadcn.ui
- dahaotang.com

Student Management Platform <i>An MVP platform for an IELTS institution</i>	November 2022 – January 2023
<ul style="list-style-type: none"> Tech Stack: Django, Docker Experience gained: basic website development skills, Agile development 	
File System Implementation with FUSE <i>University Project</i>	2022
<ul style="list-style-type: none"> Tech Stack: C Operation Implemented: getattr, mkdir, unlink, rmdir, rename, truncate, open, read, write, readdir, create Support: Large file and large directory 	
OS Scheduler Implementation <i>University Project</i>	2022
<ul style="list-style-type: none"> Tech Stack: C Round Robin, MLFQ 	
Secure End-to-End Messaging Web Application <i>University Project</i>	2022
<ul style="list-style-type: none"> Tech Stack: Python, JavaScript, SQL Experience gained: WebSocket API (MDN Web Docs, 2022a), SubtleCrypto interface from the Web Crypto API (MDN Web Docs, 2022b) 	
Vending Machine Application <i>University Project</i>	2021
<ul style="list-style-type: none"> Tech Stack: Java, Swing, SQLite, MVC design pattern Experience gained: basic Java desk environment application development skills. 	

EXPERIENCE

Ori-Fire <i>Founder</i>	August 2019 – Present
A reading club with over 50 members	
Tutoring <i>Self-employed Tutor</i>	2019 – Present
Chinese middle school English, Mathematics, Physics; A-Level Java	
Reading Method Teacher <i>Partner</i>	2021 – 2022
Taught sixth to ninth-grade students methods of reading books systematically	
English Teacher <i>Part time</i>	2020 – 2022
Oral English teacher at a private English training institution. Taught over 100 students	

HOBBIES

Playing badminton	2010 – Present
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