

Dahao Tang

 github.com/DahaoTang  dahaotang.com  linkedin.com/in/dahao-tang  dahaotang.work@gmail.com

EDUCATION

University of Sydney <i>Bachelor of Advanced Computing (Computer Science)</i>	February 2021 – December 2025 WAM: Distinction
University of Sydney <i>Bachelor of Commerce (Finance)</i>	February 2021 – December 2024 WAM: Distinction

SKILLS

Languages: C, Python, Java, JavaScript/TypeScript, HTML/CSS, L^AT_EX
Tools: GPT APIs, Git/GitHub, HuggingFace, Unix Shell, Vim
Frameworks: Flutter, React, Next.js, Node.js, Express, Flask, Django, Tailwind, Shadcn.ui, Prisma

PROJECTS

ioulia.ai <i>Startup: AI-empowered Tarot-based spiritual support chatbot</i> <ul style="list-style-type: none">Tech Stack: OpenAI API, Flutter, WeChatRole: Co-Founder, CTOStill in process	January 2024 – Present
GigHero <i>Startup: an online marketplace for onsite services</i> <ul style="list-style-type: none">Tech Stack: React, Express.js, Prisma, Apollo GraphQL, Tailwind, Shadcn.uiRole: Co-founder, Web developer, Business strategy makerExperience gained:<ul style="list-style-type: none">React-based website developmentMarket research, User investigation	April 2023 – Present
Next.js User Authentication Template <i>Personal Monthly Project</i> <ul style="list-style-type: none">Tech Stack: Next.js, Next.js server actions, Tailwind, Shadcn.uiFeatures:<ul style="list-style-type: none">Credential register and loginSocial loginEmail verification (with Resend)Reset password	December 2023
Searten Web Platform <i>An MVP platform for Searten</i> <ul style="list-style-type: none">Tech Stack: React, Flask, AWS, Prisma, Tailwind, Shadcn.uiExperience gained:<ul style="list-style-type: none">PDF saved to PostgreSQL and the retrieval and downloadTeam managementCommunication with clients without tech-background	August 2023 – November 2023
AI Tutor Assistant <i>Personal Monthly Project</i> <ul style="list-style-type: none">Tech Stack: Jupyter NotebookTried out Prompted engineering and Fine-tuningHelp human tutors summarize the exercises done by each student every day in a given format	October 2023
Personal Website <i>Personal Monthly Project</i>	September 2023

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

Student Management Platform | *MVP platform for an IELTS institution* 2022 – 2023

- Tech Stack: Django, Docker
- Experience gained: basic website development skills, Agile development

File System Implementation with FUSE | *University Project* 2022

- Tech Stack: C
- Support: Large file and large directory

OS Scheduler Implementation | *University Project* 2022

- Tech Stack: C
- Round Robin, MLFQ

Secure End-to-End Messaging Web Application | *University Project* 2022

- 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 | *University Project* 2021

- Tech Stack: Java, Swing, SQLite, MVC design pattern
- Experience gained: basic Java desk environment application development skills.

EXPERIENCE

Ori-Fire | *Founder* August 2019 – Present

A reading club with over 50 members

Tutoring | *Self-employed Tutor* 2019 – Present

Chinese middle school English, Mathematics, Physics; A-Level Java

Reading Method Teacher | *Partner* 2021 – 2022

Taught sixth to ninth-grade students methods of reading books systematically

English Teacher | *Part time* 2020 – 2022

Oral English teacher at a private English training institution. Taught over 100 students