

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, \LaTeX
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 | *Startup: AI-empowered Tarot-based spiritual support agent* January 2024 – Present

- Tech Stack: OpenAI API, Flutter, WeChat
- Role: Co-Founder, CTO
- *Still in process*

GigHero | *Startup: an online marketplace for onsite services* April 2023 – Present

- Tech Stack: React, Express.js, Prisma, Apollo GraphQL, Tailwind, Shadcn.ui
- Role: Co-founder, Web developer, Business strategy maker
- Experience gained:
 - * React-based website development
 - * Market research, User investigation

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 | *An MVP platform for an IELTS institution* November 2022 – January 2023

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

File System Implementation with FUSE | *University Project* 2022

- 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 | *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