

# Dahao Tang

 [github.com/DahaoTang](https://github.com/DahaoTang)  [dahaoatang.com](https://dahaoatang.com)  [linkedin.com/in/dahao-tang](https://linkedin.com/in/dahao-tang)  [dahaoatang.work@gmail.com](mailto:dahaotang.work@gmail.com)

## EDUCATION

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

## SKILLS

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**Languages:** C, Python, Java, JavaScript/TypeScript, HTML/CSS,  $\text{\LaTeX}$   
**Tools:** GPT APIs, Git/GitHub, HuggingFace, Unix Shell, Vim, VS Code, Linear, Figma, Stripe, Cloudinary  
**Frameworks:** Flutter, React, Next.js, Node.js, Express, Flask, Django, Tailwind, Shadcn.ui, Prisma, Apollo GraphQL, Gradle

## PROJECTS

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| <b>ioulia.ai</b>   <i>Startup: AI-empowered Tarot-based spiritual support agent</i> <ul style="list-style-type: none"><li>Tech Stack: Next.js, Flutter, WeChat</li><li>Role: Co-Founder, Chief developer</li><li><i>Still in process</i></li></ul>   | January 2024 – Present      |
| <b>GigHero</b>   <i>Startup: an online marketplace for onsite services</i> <ul style="list-style-type: none"><li>Tech Stack: React, Express.js, Prisma, Apollo GraphQL, Tailwind, Shadcn.ui</li><li>Role: Co-founder, Web developer, Business strategy maker</li><li>Experience gained:<ul style="list-style-type: none"><li>* React-based website development</li><li>* Market research, User investigation</li></ul></li></ul> | April 2023 – Present        |
| <b>Next.js User Authentication Template</b>   <i>Personal Monthly Project</i> <ul style="list-style-type: none"><li>Tech Stack: Next.js, Next.js server actions, Tailwind, Shadcn.ui</li><li>Features:<ul style="list-style-type: none"><li>* Credential register and login</li><li>* Social login</li><li>* Email verification (with Resend)</li><li>* Reset password</li></ul></li></ul>                                       | December 2023               |
| <b>Searten Web Platform</b>   <i>An MVP platform for Searten</i> <ul style="list-style-type: none"><li>Tech Stack: React, Flask, AWS, Prisma, Tailwind, Shadcn.ui</li><li>Experience gained:<ul style="list-style-type: none"><li>* PDF saved to PostgreSQL and the retrieval and download</li><li>* Team management</li><li>* Communication with clients without tech-background</li></ul></li></ul>                            | August 2023 – November 2023 |
| <b>AI Tutor Assistant</b>   <i>Personal Monthly Project</i> <ul style="list-style-type: none"><li>Tech Stack: Jupyter Notebook</li><li>Tried out Prompted engineering and Fine-tuning</li><li>Help human tutors summarize the exercises done by each student every day in a given format</li></ul>   | October 2023                |

**Personal Website** | *Personal Monthly Project*

September 2023

- Tech Stack: Next.js, Tailwind, Shadcn.ui
- [dahaotang.com](https://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.

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**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