

Dahao Tang

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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 2025 WAM: Distinction

Publications

- **Stability-Driven CNN Training with Lyapunov-Based Dynamic Learning Rate.** *Tang, D., Yang, N., Deng, Y., Zhang, Y., Sani, A.S., Yuan, D.* ADC 2024. (Waiting for Accept)
- **Adaptformer: An Adaptive Multimodal Deep Decomposition Approach for Power Consumption Forecasting.** *Yang, N., Zhang, Y., Wang, Y., Tang, D., Li, Y., Yuan, D.* ADMA 2024. (Accepted)

Projects

- **ProteHome** (Engineer) June 2024 – Present
Initiated by the Metabolic Cybernetics Lab at the Charles Perkins Centre, aims to provide web-based facilities for researchers to store, share, analyze, visualize, and compare proteomics datasets; as well as to permit large-scale meta-analysis for the discovery of patterns across datasets.
- **ioulia.ai** (Co-founder, CTO) January 2024 – July 2024
Startup: WeChat-based Tarot AI chatbot.
- **GigHero** (Co-founder) April 2023 – August 2024
Startup: an online marketplace for onsite services.
- **Searten Web Platform** (Full-stack developer) August 2023 – November 2023
University project: An MVP platform for Searten
- **Student Management Platform** (Full-stack developer) 2022 – 2023
MVP platform for an IELTS institution
- **File System Implementation with FUSE** 2022
University project: File system implemented with C, support large files and large directories.
- **OS Scheduler Implementation** 2022
University project: OS Schedule implemented with Round Robin and MLFQ

Experiences

- **USYD Academic Tutor** August 2024 – Now
ISYS2120: Data and Information Management (2024S2)
- **Tuna Edu** June 2024 – Present
Parttime developer for the teaching platform developer, AI-based customer service chatbot.