

# Dahao Tang

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## Education

<b>University of Sydney</b> <i>Bachelor of Advanced Computing (Computer Science)</i>	February 2021 – December 2025 WAM: Distinction
<b>University of Sydney</b> <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 Multimodel 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 (2024 S2)*
- **Tuna Edu** June 2024 – Present  
*Part-time developer for the teaching platform, AI-based customer service chatbot.*