Dahao Tang

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GitHub：https://github.com/DahaoTang/
Website：https://dahaotang.com/

Education

University of Sydney   2021 February – 2025 November
Bachelor of Advanced Computing
Major: Computer Science

University of Sydney   2021 February – 2025 November
Bachelor of Commerce
Major: Finance

Publications

Stability-Driven CNN Training with Lyapunov-Based Dynamic Learning Rate, *ADC 2024*, Tang, D., Yang, N., Deng, Y., Zhang, Y., Sani, A.S., Yuan, D.

Adaptformer: An Adaptive Multimodel Deep Decomposition Approach for Power Consumption Forecasting, *ADMA 2024*, Yang, N., Zhang, Y., Wang, Y., Tang, D., Li, Y., Yuan, D.

Work Experience

University of Sydney   2024 August – Now
Position: Academic Tutor, School of Computer Science
Content:
ISYS2120 Data and Information Management (2024 S2)
COMP9120: Database Management Systems (2025 S1)

University of Sydney   2024 November – Now
Position: Research Assistant, School of Life and Environment Science
Content: Developer of ProteHome at David James Lab

Projects Experience

ProteHome   July 2024 –Present
Position: Research Assistant, Web Development

Content: Participated in website refactoring, decided the tech stack of using Next.js, Django, PostgreSQL, Tailwind etc. Continuously Contributed to full-stack development.

ioulia.ai   January 2024 –July 2024

Position: Co-founder
Content: Designed the technical roadmap, developed the MVP, and optimized product performance using techniques like Chain of Thoughts etc.

GigHero   April 2023 –August 2024

Position: Co-founder
Content: Developed an MVP platform for an online marketplace for onsite services using React, Express, PostgreSQL, Tailwind etc.

Searten   August 2023 –November 2023

Position: University Project, Project Manager, Full-stack Developer
Content: Led a team to develop an MVP platform using Next.js and Tailwind etc.

Student Management Platform   2022

Position: Full-stack Developer
Content: Developed a full-stack student management platform using Django.

File System Implementation with FUSE   2022

Position: University Project
Content: Developed a file system in C, supporting large files and directories.

OS Scheduler Implementation   2022

Position: University Project
Content: Designed and implemented an operating system scheduler using Round Robin and MLFQ algorithms in C.