

BACH TRAN

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EDUCATION

University of Adelaide

Bachelor of Computer Science (Honours)

Adelaide, SA

July 2023 – Jun. 2027 (Expected)

EXPERIENCE

ReadMe (YC W15)

AI Engineer

Jul. 2025 – Jul. 2026

- Helped establish ReadMe's AI platform from day one, building production systems including MCP servers, Ask AI, Slack Agents, Code-to-Docs, AI Discovery, and automated documentation tooling.
- Built and shipped AI agents that create, improve, and maintain technical documentation, scaling the product to over 2,000 monthly active users on a platform with 2× Wikipedia's monthly page views.

Canva

Machine Learning Engineer Intern

Dec. 2024 – Feb. 2025

- Fine-tuned open-source Large Language Models like Llama and Mistral for Design Relayout, improving spatial reasoning and achieving a 20% improvement in layout quality, evaluated through manual review.
- Researched advanced methods like Vision-Language Models, Graphist, and Diffusion to enhance Design Relayout with fine-tuned LLMs and conversational reasoning techniques.

Australian Institute for Machine Learning

Undergraduate Researcher | BBVisual Lab - Supervisor: Prof. Minh Hoai Nguyen

Aug. 2024 – Jul. 2025

- Research Topic: "Learning to Count using Negation via Exemplars and Exclusions"
- Contributed to the dataset for this paper: "Can Current AI Models Count What We Mean, Not What They See? A Benchmark and Systematic Evaluation"

Research Intern | Summer Research - Supervisor: Dr. Antonios Perperidis

Nov. 2023 – Feb. 2024

- Research Topic: "4D X-ray Velocimetry and Machine Learning for Detecting and Monitoring Cystic Fibrosis"
- Developed an ensemble model with feature extraction that achieved an impressive 89% accuracy in its results.

MIT Media Lab

Research Intern | MIT Adelaide Living Lab - Supervisor: Dr. Tobin South

Feb. 2024 – Oct. 2024

- Research Topic: "Benchmarking Backdoor Attack fine-tuning methods in Diffusion models"
- Researched various aspects of AI backdoor attacks, and its application in sub-fields like advertising, security, etc.

COMMUNITY INVOLVEMENT

Vicious Builders Collective

Founder

Jul. 2026 – Present

- Founded a community helping builders launch open-source apps with product design and technical support.

Adelaide University Mathematics Society

President ← Second-year Representative

Oct. 2023 – Mar. 2025

- Grew the society to 300+ members through maths competitions, weekly puzzles, Pi Day events and social activities.

HONORS AND AWARDS

Third Prize | Vietnamese Mathematical Olympiad

Meritorious Prize | International Mathematical Modeling Challenge

TECHNICAL SKILLS

Languages: Python, TypeScript, C++, JavaScript, HTML/CSS, LATEX, Dart, R, MATLAB

Frameworks: PyTorch, n8n, FastAPI, Next.js, Flask, Streamlit, Unsloth, BrowserUse, Langchain

Developer Tools: Git, Docker, Google Colab, Google Cloud Platform, Jupyter Notebook, Linux, AWS