

Yuyang Zhang

📍 Singapore

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Education

University of Wollongong, BS in Computer Science with *Distinction* Aug 2020 – May 2023

- **Coursework:** Python Programming, Data Mining, Software Engineering, Database Management

Singapore Management University, Master of IT in Business(AI Track) Aug 2023 – Jun 2025

- **Coursework:** Applied Machine Learning, Convex Optimization, Large Language Model, Reinforcement Learning

Experience

Research Assistant – Generative Model, SMART Feb 2025 – Apr 2025

- Preprocessed and curated datasets for training generative models, including resizing, normalization and data augmentation
- Evaluated model performance using metrics such as FID, contextual loss, and Style Loss
- Collaborated with the research team to benchmark different architectures and experiment with various training strategies.

Projects

Vision Language Model [🌐] [🔗] July 2025 – Aug 2025

- Developed an electronic classroom where multiple users can simultaneously view and draw on a "chalkboard" with each person's edits synchronized
- Tools Used: C++, MFC

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Technologies

Technologies: Deep Learning, Large Language Model, Reinforcement Learning, Deep Generative Models, Machine Learning Systems, Model Compression.

Programming: Python, GPU Programming(Triton, CUDA)

Languages: Chinese, English