QINYU ZHAO

qinyu.zhao@anu.edu.au ◇ LinkedIn ◇ Google Scholar

EDUCATION

Australian National University, Australia — Jan 2023 – Dec 2027 (Expected)
Ph.D., College of Engineering, Computing and Cybernetics

Australian National University, Australia — Feb 2021 – Dec 2022
Master of Computing, College of Engineering, Computing and Cybernetics

Peking University, China — Sep 2015 – Jun 2019
Bachelor in Data Science, School of Mathematical Sciences

PUBLICATIONS

Visual Understanding

[1] The First to Know: How Token Distributions Reveal Hidden Knowledge in Large Vision-Language Models?
Qinyu Zhao, Ming Xu, Kartik Gupta, Akshay Asthana, Liang Zheng, Stephen Gould
European Conference on Computer Vision (**ECCV**), 2024 [ArXiv] [GitHub]

[2] Can We Predict Performance of Large Models across Vision-Language Tasks?
Qinyu Zhao, Ming Xu, Kartik Gupta, Akshay Asthana, Liang Zheng, Stephen Gould
The International Conference on Machine Learning (ICML), 2025 [ArXiv] [GitHub]

Visual Generation

[3] ARINAR: Bi-Level Autoregressive Feature-by-Feature Generative Models
Qinyu Zhao, Stephen Gould, Liang Zheng
Under Review, 2025 [ArXiv] [GitHub]

[4] DiSA: Diffusion Step Annealing in Autoregressive Image Generation
Qinyu Zhao, Jaskirat Singh, Ming Xu, Akshay Asthana, Stephen Gould, Liang Zheng
Under Review, 2025 [ArXiv] [GitHub]

[5] SimFlow: Simplified and End-to-End Training of Latent Normalizing Flows
Qinyu Zhao, Guangting Zheng, Tao Yang, Rui Zhu, Xingjian Leng, Stephen Gould, Liang Zheng
Under Review, 2025

INDUSTRY EXPERIENCE

ByteDance Seed, Beijing — Jun 2025 - Present
Research Intern in Generative Models

PROJECTS & RESEARCH SUPPORT

OpenAI Researcher Access Program — Jun 2024 - Dec 2024
Awarded **USD5,000** in OpenAI API credits to support research on large multimodal models.

Google Cloud Research Credits Program — Jul 2024 - Jul 2025
Granted **USD7,808** in Google Cloud Platform credits to support large-scale training of vision-language models.

Chinese Government Award for Outstanding Self-Financed Students Abroad — 2025
Granted **USD6,000**. The highest government award to Chinese doctoral students who study overseas.

ADDITIONAL

GRE Scores: 330 (Q169 + V161 + 3.5)
Reviewer Services: NeurIPS 2023, CVPR 2024, ICLR (2024, 2025), ICML 2024, ECCV 2024, AAAI 2024, TMLR