Yunqing Zhao (赵云清)

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Education

Jan. 2020 – present	**Ph. D. Candidate** in ISTD Pillar GPA 4.5/5.0 SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN

Advised by: Prof. Ngai-Man Cheung
Research interests: Generative AI, Few-shot Learning, Knowledge Transfer, Multi-Modal Foundation Models

Aug. 2018 – Nov. 2019 **M. S.** in Dept. of EEE (with **Distinction**) GPA 3.75/4.0 UNIVERSITY OF HONG KONG
Main Courses: Machine Learning; Deep Learning; Image Processing and Computer Vision
Summer Program at Chu Kochen Honors College, Zhejiang University

Sept. 2014 – June 2018 **B. Eng.** in Dept. of Automation GPA 85/100 CHINA UNIVERSITY OF GEOSCIENCES
Main Courses: Operation Research; Mathematical Modelling; Sensors Technology;
Summer Semester at Department of Electrical Computer Engineering, University of British Columbia, Vancouver

Selected Publications [Full List]

Conference

- Exploring Incompatible Knowledge Transfer in Few-Shot Image Generation
  Yunqing Zhao, et al. **CVPR 2023**.

- Few-Shot Image Generation via Adaptation-Aware Kernel Modulation
  Yunqing Zhao, et al. **NeurIPS 2022**.

- Revisiting Label Smoothing and Knowledge Distillation Compatibility:
  What was missing?
  Chandrasegaran Keshigeyan, Ngoc-Trung Tran*, **Yunqing Zhao***, Ngai-Man Cheung
  ICML 2022 (Spotlight). (* Equal Contribution)

- A Closer Look at Few-Shot Image Generation
  Yunqing Zhao, et al. **CVPR 2022**.

Journal

- AdAM: Few-Shot Image Generation via Adaptation-Aware Kernel Modulation
  Yunqing Zhao et al. (Extension of **NeurIPS-2022**, submitted to **TPAMI**).

- FS-BAN: Born-Again Networks for Domain Generalization Few-Shot Classification
  Yunqing Zhao and Ngai-Man Cheung. **IEEE Trans. on Image Processing (TIP), 2023**.

Preprint

- On Evaluating Adversarial Robustness of Large Vision-Language Models
  Yunqing Zhao, et al. In Peer Review, 2023.

- A Recipe for Watermarking Diffusion Models
  Yunqing Zhao, et al. In Peer Review, 2023.

Internships

Sept. 2022 - Present	Research Scientist Intern	SAIL (SEA AI LAB), SINGAPORE
	Multi-Modal Generative Models **Work with**: Du Chao, Pang Tianyu **Advised by**: Lin Min, Prof. Yan Shuicheng	
Aug. 2021 - Aug. 2022	Research Scientist Intern	TIKTOK (@BYTEDANCE AI LAB), SINGAPORE
	Generative Models & Few-shot Learning **Work with**: Henghui Ding, Houjing Huang	
July 2019 - Sept. 2019	Research Engineer Intern	2012 DISTRIBUTED DATA LAB, HUAWEI, SHENZHEN
	Deep learning visualization tools **Work with**: Caleb Cao	

Honors

2020 - 2024	Ph. D. Research Fellowship	SUTD
2018 - 2019	Master Outstanding Scholarship (5%)	UNIVERSITY OF HONG KONG
2015 - 2016	Undergraduate Excellent Student (5%)	CHINA UNIVERSITY OF GEOSCIENCES

Teaching & Service

2021	50.021 Artificial Intelligence, Graduate Teaching Assistant	SUTD
2021	50.035 Computer Vision, Graduate Teaching Assistant	SUTD
Active	ICIP, TMM, CVPR, ICML, NeurIPS, Reviewer	