

Ganlong Zhao

PhD Candidate, The University of Hong Kong, Hong Kong

RESEARCH INTERESTS

My research interests include Weakly-Supervised Learning, Dataset Condensation, and Vision-Language Navigation.

EDUCATION

The University of Hong Kong, Hong Kong Sept. 2021 — June 2025 (Expected)
PhD Candidate of Computer Science, Advisor: Prof. Yizhou Yu

Sun Yat-sen University, Guangzhou, Guangdong, China Sept. 2019 — June 2021
Master of Computer Engineering, Advisor: Prof. Guanbin Li
Thesis: The Study of Domain Adaptation for Image Classification and Object Detection

Sun Yat-sen University, Guangzhou, Guangdong, China Sept. 2015 — June 2019
Bachelor of Engineering: Computer Science and Technology Cumulative GPA: 4.1/5.0, Rank 1 of 92

EXPERIENCE

Meituan Inc. Beijing, China
Research Intern Sept. 2020 — March 2021

- Research on Open-Set Semi-supervised Learning.

Tencent Inc. Shenzhen, Guangdong, China
Intern July 2018 — Aug. 2018

- Software Development Engineer.

PUBLICATIONS

Published

- **Ganlong Zhao**, Guanbin Li, Weikai Chen and Yizhou Yu. OVER-NAV: Elevating Iterative Vision-and-Language Navigation with Open-Vocabulary Detection and StructurEd Representation. In *Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition, 2024*.
- **Ganlong Zhao**, Guanbin Li, Yipeng Qin and Yizhou Yu. Improved Distribution Matching for Dataset Condensation. In *Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition, 2023*.
- **Ganlong Zhao**, Guanbin Li, Yipeng Qin, Feng Liu and Yizhou Yu. Centrality and Consistency: Two-Stage Clean Samples Identification for Learning with Instance-Dependent Noisy Labels. In *European Conference on Computer Vision, 2022*.
- **Ganlong Zhao**, Guanbin Li, Yipeng Qin, Jinjin Zhang, Zhenhua Chai, Xiaolin Wei, Liang Lin and Yizhou Yu. Exploration and Exploitation of Unlabeled Data for Open-Set Semi-Supervised Learning. In *International Journal of Computer Vision, 2024*.
- **Ganlong Zhao**, Guanbin Li, Ruijia Xu and Liang Lin. Collaborative Training Between Region Proposal Localization and Classification for Domain Adaptive Object Detection. In *European Conference on Computer Vision, 2020*.
- Yulong Jia, Jiaming Li, **Ganlong Zhao**, Shuangyin Liu, Weijun Sun, Liang Lin and Guanbin Li. Enhancing Out-of-Distribution Detection via Diversified Multi-prototype Contrastive Learning. In *Pattern Recognition, 2024*.
- Yulong Jia, Guanxing Li, **Ganlong Zhao**, Xiangru Lin and Guanbin Li. GraphVAE: Unveiling Dynamic Stock Relationships with Variational Autoencoder-based Factor Modeling. In *ACM International Conference on Information and Knowledge Management, 2024* (CIKM 2024 Short Paper).

TEACHING

- **Teaching Assistant**: CCST9049: From Human Vision to Machine Vision, HKU (Undergraduate)
- **Teaching Assistant**: COMP8503: Advanced Topics in Visual Analytics, HKU (Postgraduate)
- **Teaching Assistant**: COMP3314C: Machine Learning, HKU (Undergraduate)

LANGUAGE

Mandarin, Cantonese, English. CET-4 581, CET-6 560, IELTS 7.0.