

YUSHU LI

<https://yushu-li.github.io> ✉ yushuliysl@gmail.com

Computer Vision | Transfer Learning | Test-Time Adaptation | Vision-Language Model

EDUCATION

South China University of Technology

Master of Information and Communication Engineering
• Supervised by Dr. Kui Jia, co-supervised by Dr. Xun Xu

Guangzhou, China
Sep. 2022 - Present

South China University of Technology

Bachelor of Information Engineering (Elite Class)
• GPA: 3.77/4.00 (Rank 4/50)

Guangzhou, China
Sep. 2018 - Jun. 2022

PUBLICATIONS

- [1] **Yushu Li**, Xun Xu, Yongyi Su, Kui Jia. "On the Robustness of Open-World Test-Time Training: Self-Training with Dynamic Prototype Expansion", *International Conference on Computer Vision (ICCV)*, 2023. (**Oral Presentation** 1.8% acceptance rate)
- [2] **Yushu Li**, Yongyi Su, Xulei Yang, Kui Jia, Xun Xu. "Exploring Human-in-the-Loop Test-Time Adaptation by Synergizing Active Learning and Model Selection", *Transactions on Machine Learning Research (TMLR)*, 2024.
- [3] **Yushu Li**, Yongyi Su, Adam Goodge, Kui Jia, Xun Xu. "Efficient and Context-Aware Label Propagation for Zero-/Few-Shot Training-Free Adaptation of Vision-Language Model", Preprint, 2024.
- [4] Yongyi Su, **Yushu Li**, Kui Jia, Chuan-Sheng Foo, Xun Xu. "On the Adversarial Risk of Test Time Adaptation: An Investigation into Realistic Test-Time Data Poisoning", Preprint, 2024.
- [5] Tiankai Chen, **Yushu Li**, Adam Goodge, Tianrui Li, Fei Teng, Xulei Yang, Xun Xu. "Exploiting Vision Language Model for Training-Free 3D Point Cloud OOD Detection via Graph Score Propagation", Preprint, 2024.

INTERNSHIPS

Shanghai Artificial Intelligence Laboratory

Research Intern, Supervised by Dr. Peng Gao

Shanghai, China
Sep. 2024 - Present

Institute for Infocomm Research (I2R), A*STAR

Visiting Student, Supervised by Dr. Xun Xu

Singapore
Mar. 2024 - Present

DexForce Technology

Research Intern, Supervised by Prof. Kui Jia

Shenzhen, China
Jul. 2023 - Feb. 2024

PROFESSIONAL SERVICES

Conference Reviewer: ACM MM 2024, NeurIPS 2024, ICLR 2025, ICML 2025

Journal Reviewer: TPAMI, TIP

SELECTED AWARDS

First-class Scholarship, South China University of Technology (Top 4%)

2020

Second-class Scholarship, South China University of Technology (Top 10%)

2019, 2021

SKILLS

Languages: Native speaker of Chinese, Proficient in English (**IELTS 7.0**, all components 6.0 or above)

Programming Languages: Python, PyTorch, C/C++, Matlab, L^AT_EX