

# YUSHU LI

<https://yushu-li.github.io> ✉ [yushuliysl@gmail.com](mailto: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", *The Thirteenth International Conference on Learning Representations (ICLR)*, 2025.
- [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", *The Thirteenth International Conference on Learning Representations (ICLR)*, 2025.
- [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, ICME 2025

Journal Reviewer: TPAMI, TIP, TMLR

## 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<sup>A</sup>T<sub>E</sub>X