

YUSHU LI

🌐 <https://yushu-li.github.io> ✉ yushul@student.ubc.ca

Natural Language Processing | Computer Vision | Reinforcement Learning | Test-Time Adaptation

EDUCATION

The University of British Columbia

Vancouver, Canada

Ph.D. in Electrical and Computer Engineering (ECE)

Sep. 2025 - Present

- Supervised by Prof. Xiaoxiao Li

South China University of Technology

Guangzhou, China

Master of Information and Communication Engineering

Sep. 2022 - Jun. 2025

- Supervised by Prof. Kui Jia, co-supervised by Dr. Xun Xu

South China University of Technology

Guangzhou, China

Bachelor of Information Engineering (Elite Class)

Sep. 2018 - Jun. 2022

- GPA: 3.77/4.00 (Rank 4/50)

PUBLICATIONS (* Contributed Equally)

- [1] 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", *International Conference on Computer Vision (ICCV)*, 2025.
- [2] **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", *International Conference on Learning Representations (ICLR)*, 2025.
- [3] 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", *International Conference on Learning Representations (ICLR)*, 2025.
- [4] **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.
- [5] **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)

INTERNSHIPS

Institute for Infocomm Research (I2R), A*STAR

Singapore

Visiting Student, Supervised by Drs. Xun Xu and Xulei Yang

Mar. 2024 - Sep. 2024

DexForce Technology

Shenzhen, China

Research Intern, Supervised by Prof. Kui Jia

Jul. 2023 - Feb. 2024

PROFESSIONAL SERVICES

Reviewer: ACM MM, NeurIPS, ICLR, ICML, ICME, TPAMI, TIP, TMLR

SELECTED AWARDS

Four Year Fellowship, The University of British Columbia

2025-2029

University-level Scholarship, South China University of Technology

2019-2025

SKILLS

Languages: Native Chinese Speaker, Fluent in English (IELTS 7.0)

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