



Yachao Zhang (张亚超)

Male | 1990-03-08 | Xiamen, Fujian Province, China

Highest degree: Doctor

School Name: Xiamen University (China)

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Homepage



Research Interests

- **Computer Vision:** 3D computer vision, point cloud semantic segmentation
- **Machine Learning:** weakly-supervised learning, unsupervised learning, transfer learning



Publications

- [1] **Yachao Zhang**, Yanyun Qu, Zhonghao Li, Shanshan Zheng, Cuihua Li. Perturbed Self-Distillation: Weakly Supervised Large-Scale Point Cloud Semantic Segmentation. **ICCV 2021**: 15520-15528.
- [2] **Yachao Zhang**, Zonghao Li, Yuan Xie, Yanyun Qu, Cuihua Li, Tao Mei. Weakly Supervised Semantic Segmentation for Large-Scale Point Cloud. **AAAI 2021**, 35(4): 3421-3429.
- [3] **Yachao Zhang**, Miaoyu Li, Yuan Xie, Zhizhong Zhang, Cong Wang, Cuihua Li, Yanyun Qu. SSE-xMUDA: Self-supervised Exclusive Learning for 3D Segmentation in Cross-Modal Unsupervised Domain Adaptation, **ACM-MM 2022**.
- [4] Miaoyu Li*, **Yachao Zhang***, Yuan Xie, Zhizhong Zhang, Cuihua Li, Yanyun Qu. Cross-Domain and Cross-Modal Knowledge Distillation in Domain Adaptation for 3D Semantic Segmentation, **ACM-MM 2022**. (* Equal contribution)
- [5] **Yachao Zhang**, Xuan Lai Yuan Xie, Yanyun Qu, Cuihua Li. Geometry-Aware Discriminative Dictionary Learning for PolSAR Image Classification. *Remote Sensing*. 13(6): 1218, 2021.



Education Background

Date	Diploma	Major	School
Jun. 2022	Doctor	Computer science and Technology	Xiamen University
Thesis: Research on Weakly Labeled Point Clouds Semantic Segmentation Based on Self-Supervised Learning			
Jun. 2018	Master	Control Theory and Control Engineering	Lanzhou University of Technology
Thesis: Research on Object Detection Based on Depth Visual Perception Learning			
Jun. 2015	Bachelor	Automation	Yantai University



Academic Services

- **Conference Reviewer:** CVPR, ICML, NeruIPS, AAAI
- **Journal Reviewer:** IEEE Transactions on Neural Networks and Learning Systems, IEEE Transactions on Intelligent Transportation Systems, IEEE Transactions on Artificial Intelligence



Awards and Skills

- June 2022: Winner of the title of "Outstanding Graduate" of Xiamen University
 - Dec. 2021: The first prize winner of the 2021 Excellent Paper Award of Fujian Computer Society
 - Nov. 2021: Winner of the title of "Outstanding Student" of Xiamen University
 - Mar. 2022: Winner of Xiamen University Liu Yubin Youth Science and Technology Scholarship
 - Dec. 2016: The second national prize of National Postgraduate Mathematical Contest in Modeling
- ✧ Familiar with the python programming and two deep learning frameworks: Pytorch and Tensorflow.