

Jie Wang

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Education

- M.S. Student in 3D computer vision, Beijing Institute of Technology, China 09/2021~ Now
Advisor: Prof. Jianan Li and Prof. Tingfa Xu.
- B.Eng. in School of Optics and Photonics, Beijing Institute of Technology, China 09/2017~ 06/2021

Publications

- [1] **Jie Wang**, Tingfa Xu[†], Lihe Ding, Jianan Li[†]
APCT: Adversarial Point Cloud Transformer Towards Recognition Against Real-world Corruptions
In Submission
- [2] **Jie Wang**, Lihe Ding, Tingfa Xu[†], Shaocong Dong, Xinli Xu, Long Bai, Jianan Li[†]
Sample-adaptive Augmentation for Point Cloud Recognition Against Real-world Corruptions
ICCV, 2023
- [3] Jianan Li*, **Jie Wang***, Shenwang Jiang, Lihe Ding, Shaocong Dong, Xinli Xu, Tingfa Xu[†]
PointGL: A Simple Global-Local Framework for Efficient Point Cloud Analysis
In Submission (co-first author with my advisor)
- [4] **Jie Wang**, Tingfa Xu[†], Lihe Ding, Ying Wang, Jianan Li[†]
PAPooling: Graph-based Position Adaptive Aggregation of Local Geometry in Point Clouds
In Submission
- [5] Lihe Ding*, Shaocong Dong*, Tingfa Xu[†], Xinli Xu, **Jie Wang**, Jianan Li[†]
FH-Net: A Fast Hierarchical Network for Scene Flow Estimation on Real-world Point Clouds
ECCV, 2022 (Oral Presentation)
- [6] Shaocong Dong*, Lihe Ding*, Haiyang Wang, Tingfa Xu[†], Xinli Xu, Ziyang Bian, Ying Wang, **Jie Wang**, Jianan Li[†]
MsSVT: Mixed-scale Sparse Voxel Transformer for 3D Object Detection on Point Clouds
NIPS, 2022

Competitions

- [1] **Jie Wang**, Shenwang Jiang, Tingfa Xu, Lihe Ding, Shaocong Dong, Xinli Xu, Peifu Liu, Shengyu Gu, Jianan Li
3-rd place in ECCV2022 The 1st Challenge on Point Cloud Robustness under Corruptions: Classification Track

- [2] **Jie Wang**, Shenwang Jiang, Tingfa Xu, Lihe Ding, Shaocong Dong, Xinli Xu, Peifu Liu, Shengyu Gu, Jianan Li
3-rd place in ECCV2022 The 1st Challenge on Point Cloud Robustness under Corruptions: Part Segmentation Track

Experiences

- Zhejiang University, Zhejiang, China 2022.11 - 2023.3
Research Intern (Remote)

Honors and Awards

- 2020 National Encouragement Scholarship, Ministry of Education of P.R. China
- 2019 National Encouragement Scholarship, Ministry of Education of P.R. China
- 2018 National Encouragement Scholarship, Ministry of Education of P.R. China

Academic Services

- Review for CVPR/ECCV/ICRA