XIANG XU

Nanjing University of Aeronautics and Astronautics, Nanjing, China

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EDUCATION

Nanjing University of Aeronautics and Astronautics *April 2023 - Present*
Ph.D. in College of Computer Science and Technology
Advisor: Prof. Qingshan Liu

Nanjing University of Information Science and Technology *Sept. 2018 - Jun. 2021*
M.S. in School of Automation
Advisor: Prof. Qingshan Liu

Nanjing University of Information Science and Technology *Sept. 2014 - Jun. 2018*
B.S. in School of Information and Control

PUBLICATIONS & MANUSCRIPTS

1. **Xiang Xu**, Lingdong Kong, Hui Shuai, Qingshan Liu
   FRNet: Frustum-Range Networks for Scalable LiDAR Segmentation
   arXiv Preprint, 2023.

2. Hui Shuai, **Xiang Xu**, Qingshan Liu
   Waterfall-Net: Waterfall Feature Aggregation for Point Cloud Semantic Segmentation
   Chinese Conference on Pattern Recognition and Computer Vision (PRCV), 2022.

3. Lei Zhu, Shanmin Wang, Zengqun Zhao, **Xiang Xu**, Qingshan Liu
   CED-Net: Contextual Encoder-Decoder Network for 3D Face Reconstruction
   Multimedia Systems, 2022.

4. **Xiang Xu**, Gang Huang, Laifeng Hu, Yaonong Wang
   Semantic-Aware Object Detection for 3D Point Cloud
   International Conference on Optics and Machine Vision (ICOMV), 2022.

5. Hui Shuai, **Xiang Xu**, Qingshan Liu
   Backward Attentive Fusing Network with Local Aggregation Classifier for 3D Point Cloud Semantic Segmentation
   IEEE Transactions on Image Processing (TIP), 2021.

EXPERIENCE

Leapmotor Technologies Co. Ltd. *Jul. 2021 - Feb. 2023*
Algorithm engineer Mentor: Laifeng Hu
LiDAR perception group

RESEARCH PROJECTS

MMDetection3D: OpenMMLab next-generation platform for general 3D object detection
Jan. 2023 - Present
Work closely with Wenwei Zhang, Lingdong Kong.

SELECTED HONORS

- The Second Prize Scholarship, NUIST, 2020

- Outstanding Freshman Scholarship (Nanjing, NUIST), 2018

- The First Prize Scholarship, NUIST, 2015, 2016, 2017

- The First Prize of National Undergraduate Electronics Design Contest in Jiangsu Division, 2016