

# XIANG XU

Leapmotor Technologies Co. Ltd., Hangzhou, China  
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## EDUCATION

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**Nanjing University of Information Science & Technology**, Nanjing, China    *Sept. 2018 – Jun. 2021*

**M.S.** in School of Automation

Advisor: Prof. Qingshan Liu

**Nanjing University of Information Science & Technology**, Nanjing, China    *Sept. 2014 – Jun. 2018*

**B.S.** in School of Information and Control

## PUBLICATIONS & MANUSCRIPTS

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1. Hui Shuai, **Xiang Xu**, Qingshan Liu.  
**Waterfall-Net: Waterfall Feature Aggregation for Point Cloud Semantic Segmentation**  
Submitted to *Chinese Conference on Pattern Recognition and Computer Vision (PRCV)*, 2022.
2. Lei Zhu, Shanmin Wang, Zengqun Zhao, **Xiang Xu**, Qingshan Liu.  
**CED-Net: Contextual Encoder-Decoder Network for 3D Face Reconstruction**  
*Multimedia Systems*, 2022.
3. **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.
4. 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.
5. **Xiang Xu**, Hui Shuai, Qingshan Liu  
**Octant Convolutional Neural Network for 3D Point Cloud Analysis**  
*ACTA AUTOMATICA SINICA*, 2021 (written in Chinese).

## EXPERIENCE

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**Leapmotor Technologies Co. Ltd.**

Algorithm engineer

LiDAR perception group.

*Jul. 2021 – Present*

Mentor: Laifeng Hu

## SELECTED HONORS

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- The Second Prize Scholarship, NUIST, 2020
- Outstanding Freshman Scholarship (Nanjing, NUIST), 2018
- The First Prize Scholarship, NUIST, 2017
- The First Prize of National Undergraduate Electronics Design Contest in Jiangsu Division, 2016

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