

# HAORAN ZHOU

Email: hrzhou98@gmail.com

Homepage: <https://hrzhou2.github.io>

## EDUCATION

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**Nanjing University**, Nanjing, China Sep. 2020 - Present

M.S. candidate in Computer Science and Technology, supervised by Prof. Tong Lu.

**Nanjing University of Aeronautics and Astronautics**, Nanjing, China Sep. 2016 - Jun. 2020

B.E. in Software Engineering, supervised by Prof. Mingqiang Wei.

## INTERNSHIP

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**Chinese University of Hong Kong**, Hong Kong

May. 2022 - Sep. 2022

Research Assistant

**Youtu**, Tencent, Shanghai

Nov. 2021 - March. 2022

Research Intern, Xuanyuan research center.

## RESEARCH INTERESTS

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3D Vision, Point Cloud Analysis, Learning-based Geometric Processing.

## PUBLICATIONS

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- [1] **Haoran Zhou**, Yun Cao, Wenqing Chu, Junwei Zhu, Lu Tong, Ying Tai, and Chengjie Wang. *Seed-Former: Patch Seeds based Point Cloud Completion with Upsample Transformer*. In ECCV, 2022.
- [2] **Haoran Zhou**, Honghua Chen, Yingkui Zhang, Mingqiang Wei, Haoran Xie, Jun Wang, Tong Lu, Jing Qin, and Xiao-Ping Zhang. *Refine-Net: Normal Refinement Neural Network for Noisy Point Clouds*. IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI), 2022.
- [3] **Haoran Zhou**, Yidan Feng, Mingsheng Fang, Mingqiang Wei, Jing Qin, and Tong Lu. *Adaptive graph convolution for point cloud analysis*. In Proceedings of the IEEE/CVF International Conference on Computer Vision (ICCV), pages 4965–4974, 2021.
- [4] **Haoran Zhou**, Honghua Chen, Yidan Feng, Qiong Wang, Jing Qin, Haoran Xie, Fu Lee Wang, Mingqiang Wei, and Jun Wang. *Geometry and learning co-supported normal estimation for unstructured point cloud*. In Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), pages 13238–13247, 2020.

## CONTESTS

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- The 2019 ICPC China Xian National Invitational Programming Contest.  
**Silver Medal** May. 2019
- The ACM-ICPC Asia Regional Contest, Qingdao Site 2018.  
**Bronze Medal** Nov. 2018

## HONORS AND AWARDS

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- Stars Innovation Nomination Award, NUAA Nov. 2020
- Outstanding Graduate of Jiangsu Province May. 2020