

Mutian Xu (Mino), Ph.D. Student

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🌐 <https://mutianxu.github.io/>

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Education

- 2021.08 – **Chinese University of Hong Kong (Shenzhen), China**
Ph.D. Student
– Supervisor: *Prof. Xiaoguang Han*
– Research Area: *3D Scene Understanding, Computer Vision, Deep Learning*
- 2018.09 – 2020.03 **University of California, Irvine, USA**
M.Sc. in Computer Engineering (GPA: 3.59/4.0)
- 2014.08 – 2018.06 **Xidian University, China**
B.Eng. in Radio Wave Propagation and Antenna (GPA: 3.56/4.0)

Experience

- 2020.06 – 2021.02 **CVMI Lab, The University of Hong Kong**
Research Assistant
– Advisor: *Prof. Xiaojuan Qi*
– Topic: *3D Point Cloud Convolution*
- 2019.07 – 2019.11 **Multimedia Lab, Shenzhen Institutes of Advanced Technology**
Visiting Student
– Advisor: *Prof. Yu Qiao and Dr. Zhipeng Zhou*
– Topic: *3D Object Point Cloud Classification and Segmentation*
- 2019.04 – 2019.06 **University Of California, Irvine**
Master Individual Project
– Advisor: *Prof. Charless Fowlkes*
– Topic: *3D Object Reconstruction Based on Structured Light*

Publications

Conference Proceedings

- 1 **Xu, M.**, Ding, R., Zhao, H., & Qi, X. (2021). PACConv: Position Adaptive Convolution with Dynamic Kernel Assembling on Point Clouds. In *CVPR 2021*.
- 2 **Xu, M.**, Zhang, J., Zhou, Z., Xu, M., Qi, X., & Qiao, Y. (2021). Learning Geometry-Disentangled Representation for Complementary Understanding of 3d Object Point Cloud. In *AAAI 2021*.





Professional Services

Reviewer **ICCV2021, CVPR2021, AAAI2021.**

Technical Skills

Languages **Python, CUDA, C++**
Tools **Pytorch, Numpy, Pycharm, Jupyter, Linux, Matlab, MeshLab**

Certificate

- 2016  Third-class school-level scholarship
- 2017  Second-class school-level scholarship
-  TOFEL Test, 104/120
-  GRE Test, 325/340

Miscellaneous

Piano Professional Certificate Level 10
3rd Place, School Singer Contest