

# Mutian Xu (Mino), Ph.D. Student

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🌐 <https://mutianxu.github.io/>

🌐 <https://www.linkedin.com/in/mutian-xu-684811172/>



## Education

- 2021.08 – now ■ **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: 3.592/4.0)*
- 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 of ICCV2021, CVPR2021, AAAI2021.

## Technical Skills

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

## Certificate

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

## Miscellaneous

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3rd Place of the 31st School Singer Contest, Xidian University.  
Piano Professional Certificate Level 10.