

# RUIHUI LI

Contact Number: (+86) 14715499208

Email: [ruihuili.lee@gmail.com](mailto:ruihuili.lee@gmail.com) ◇ Homepage: <https://liruihui.github.io/>

Address: Rm 902, SHB, The Chinese University of Hong Kong, Shatin, Hong Kong.

## EDUCATION

---

**The Chinese University of Hong Kong (CUHK)** 08/2017 - Present  
Ph.D. in Computer Science and Engineering  
Advisor: Prof. Chi-Wing Fu

**Hunan University (HNU), China** 09/2014 - 07/2017  
M. Sc. in Computer Science and Technology

**Hunan University (HNU), China** 09/2010 - 07/2014  
B.Eng. in Computer Science and Technology

## RESEARCH INTERESTS

---

3D Vision, Point Cloud Processing, Computer Graphics and Deep Learning.

## AWARDS AND HONORS:

---

National Scholarships (the <b>highest</b> scholarship for graduate students in China)	10/2016
Second Prize in Intel Cup Undergraduate Electronic Design Contest	2014
Gold Award of Pan-Pearl-River-Delta University IT Project Competition in China	2014
First Prize Undergraduate Scholarship	2011-2013
Award of Pacemaker to Merit Student	2011

## PUBLICATIONS:

---

### Conference Papers

- [C2] *PU-GAN: a Point Cloud Upsampling Adversarial Network*  
**Ruihui Li**, Xianzhi Li, Chi-Wing Fu, Daniel Cohen-Or, and Pheng-Ann Heng  
IEEE International Conference on Computer Vision (**ICCV**), 2019
- [C1] *Enhancing Augmented VR Interaction via Egocentric Scene Analysis*  
Yang Tian, Chi-Wing Fu, Shengdong Zhao, **Ruihui Li**, Xiao Tang, Xiaowei Hu, and Pheng-Ann Heng  
Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (**Ubicomp**), 2019

### Papers Under Review

- [U4] *Anonymous*  
**Ruihui Li**, Xianzhi Li, Pheng-Ann Heng, and Chi-Wing Fu  
IEEE Conference on Computer Vision and Pattern Recognition (**CVPR**), 2020
- [U3] *Anonymous*  
Chao Huang\*, **Ruihui Li**\*, Xianzhi Li, Pheng-Ann Heng, and Chi-Wing Fu (\*joint 1st authors)  
IEEE Conference on Computer Vision and Pattern Recognition (**CVPR**), 2020
- [U2] *Anonymous*  
Xianzhi Li, **Ruihui Li**, Chi-Wing Fu, Daniel Cohen-Or, Guangyong Chen, and Pheng-Ann Heng  
IEEE Conference on Computer Vision and Pattern Recognition (**CVPR**), 2020

[U1] *DNF-Net: a Deep Normal Filtering Network for Mesh Denoising*  
Xianzhi Li, **Ruihui Li**, Lei Zhu, Chi-Wing Fu, and Pheng-Ann Heng  
IEEE Transaction on Visualization and Computer Graphics (**TVCG**), 2019

## TECHNICAL SKILLS

---

<b>Languages</b>	Python, C/C++, Java, Matlab
<b>Toolkits</b>	OpenGL, TensorFlow, Pytorch

## TEACHING ASSISTANT

---

CSCI 3260 Principles of Computer Graphics	Fall 2018&2019
CSCI3180 Principles of Programming Lang	Spring 2019
ENGG1110J Problem Solving by Programming	Spring 2018
CSCI1130 Introduction to Computing Using Java	Fall 2017