

Li MA

The Hong Kong University of Science and Technology



About me

I am a final year Ph.D. student at the Dept. of Computer Science & Engineering in the Hong Kong University of Science and Technology (HKUST). My supervisor is Prof. Pedro V. SANDER, and I worked closely with Prof. Liao Jing. Before that, I obtained my Bachelor's Degree with honors in 2019 from Electrical Engineering, Zhejiang University.

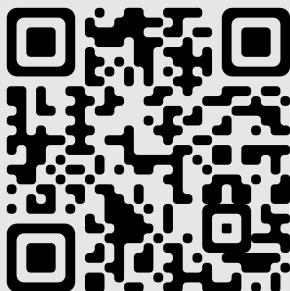
I'm interested in Novel View Synthesis, Neural Rendering, Differentiable Rendering, and other graphics-related vision topics.

I will be on the job market in 2023. Please feel free to contact me :)

Contact

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- 💻 <https://limacv.github.io/homepage/>

Homepage



Visit my homepage using the QR code.

EDUCATION

2019-Present



Ph.D Candidate

The Hong Kong University of Science and Technology

Computer Science & Engineering

Supervised by Prof. Pedro V. SANDER

📍 Hong Kong

2015-2019



Bachelor Degree

Zhejiang University

Electrical Engineering

GPA: 3.95/4.0; RANK: 2/89

📍 Zhejiang, China

PUBLICATIONS

- Siggraph Asia** **Neural Parameterization for Dynamic Human Head Editing**
2022 *Li Ma*, Xiaoyu Li, Jing Liao, Xuan Wang, Qi Zhang, Jue Wang, Pedro V. Sander
- CVPR** **Deblur-NeRF: Neural Radiance Fields from Blurry Images**
2022 *Li Ma*, Xiaoyu Li, Jing Liao, Qi Zhang, Xuan Wang, Jue Wang, Pedro V. Sander
- CVPR** **TVConv: Efficient Translation Variant Convolution**
2022 Jierun Chen, Tianlang He, Weipeng Zhuo, *Li Ma*, Sangtae Ha, S.-H. Gary Chan
- MobiCom** **VI-Eye: Semantic-based 3D Point Cloud Registration for Infrastructure-assisted Autonomous Driving**
2021 Yuze He, *Li Ma*, Zhehao Jiang, Yi Tang, Guoliang Xing

Teaching Assistant

- **COMP5411 Advanced Computer Graphics**
The Hong Kong University of Science and Technology, 2022 Fall & 2020 Fall
- **COMP2011 Programming with C++**
The Hong Kong University of Science and Technology, 2020 Spring

HONORS AND AWARDS

- Postgraduate Scholarship, HKUST, 2019
- Provincial 1st Prize (Rank: 2/67), The NXP Cup National University Students Intelligent Car Race (Zhejiang Province Division), 2018
- Research and Innovation Scholarship, Zhejiang University, 2018
- First-Class Scholarship for Outstanding Merits, Zhejiang University, 2017
- Excellent Student Awards, Zhejiang University, 2016

</> Skills

I did most of my projects using Python and Pytorch, while some projects also involve TensorFlow, C/C++, OpenGL/WebGL. I use software like Blender, Davinci Resolve, and Photoshop to assist my projects. I'm also a fast learner of new technologies.