## (+852) 94707823 jiayeleng2-c@my.cityu.edu.hk https://jiayeleng.github.io/

# JIAYE LENG PH.D. CANDIDATE

EDUCATION

#### City University of Hong Kong

Hong Kong, China

Ph.D. in Creative Media

2023 - 2027 (expected)

- Advisor: Prof. Hongbo Fu and Prof. Miu Ling Lam
- Research area: Human-AI Interaction, Creativity Support, VR/AR

## Beihang University

Beijing, China

M.E. in Computer Technology

2020 - 2023

• Advisor: Prof. Lili Wang

## China University of Mining and Technology

Xuzhou, China

B.E. in Electronic Information Science and Technology

2016 - 2020

### **PUBLICATIONS**

- 1. **Jiaye Leng**, Zijun Wang, Jian Wu<sup>†</sup>, and Lili Wang. LipText: Lip Tracking Based Text Entry in VR. *International Conference on Extended Reality*, 2024.
- 2. Hui Ye\*, Jiaye Leng\*, Pengfei Xu, Karan Singh, and Hongbo Fu†. ProInterAR: A Visual Programming Platform for Creating Immersive AR Interactions. *The ACM CHI conference on Human Factors in Computing Systems*, 2024.
- 3. Aoxin Sun, Lili Wang<sup>†</sup>, **Jiaye Leng**, and Sio Kei Im. Light-Occlusion Text Entry in Mixed Reality. *International Journal of Human-Computer Interaction*, 2023.
- 4. Hui Ye, Jiaye Leng, Chufeng Xiao, Lili Wang, and Hongbo Fu<sup>†</sup>. ProObjAR: Prototyping Spatially-aware Interactions of Smart Objects with AR-HMD. *The ACM CHI conference on Human Factors in Computing Systems*, 2023.
- 5. Jiaye Leng, Lili Wang<sup>†</sup>, Xiaolong Liu, Xuehuai Shi, and Miao Wang. Efficient Flower Text Entry in Virtual Reality. *IEEE Transactions on Visualization and Computer Graphics: Special issue for IEEE International Symposium on Mixed and Augmented Reality*, 2022.
- 6. Lili Wang<sup>†</sup>, Hao Wang, Danqing Dai, **Jiaye Leng**, and Xiaoguang Han. Bidirectional Shadow Rendering for Interactive Mixed 360° Videos. *IEEE Virtual Reality and 3D User Interfaces*, 2021.

#### **INTERNSHIPS**

#### Research Assistant | City University of Hong Kong

2023.05 - 2023.08

- Advisor: Prof. Hongbo Fu
- Topic: Spatial Interaction in Augmented Reality

## Selected Awards and Honors

• Research Tuition Scholarship, City University of Hong Kong	2024-2025
• Postgraduate Studentship, City University of Hong Kong	2023-2027
• Outstanding Master Thesis Award, Beihang University,	2023
• Second Prize Scholarship, Beihang University	2022
• Bronze Medal, The ACM-ICPC Asian-East Continent Final, Xi'an Site	2018
• Gold Medal, The ACM-ICPC Asian Regional Contest, Jiaozuo Site	2018
• First Prize Scholarship, China University of Mining and Technology	2017-2019

Academic Services Reviewers for: IEEE VR '21, ISMAR '21 '22, CHI LBW '23 '24, CGI '25, DIS '25 Computers & Graphics '25