JIAYE LENG

+(852) 94707823 jiayeleng2-c@my.cityu.edu.hk

EDUCATION

City University of Hong Kong, *School of Creative Media* Sept 2023 - Current
- Ph.D. in Creative Media
- Supervisor: Prof. Hongbo Fu and Prof. Miu Ling Lam
- Research Interest: Human-AI Interaction, AR/VR, Computer Graphics

Beihang University, *School of Computer Science* Sept 2020 - Jan 2023
- M.Eng. in Computer Technology
- Supervisor: Prof. Lili Wang
- Outstanding Master Thesis Award

China University of Mining and Technology, *School of Computer Science* Sept 2016 - Jun 2020
- B.Eng. in Electronic Information Science and Technology
- Admitted to Beihang University through postgraduate recommendation exemption

PUBLICATIONS

- **[Under Submission to TVCG '25]** Hui Ye, Chufeng Xiao, **Jiaye Leng**, Pengfei Xu, and Hongbo Fu. *MoGraphGPT: Creating Interactive Scenes Using Modular LLM and Graphical Control.*
- **[Under Submission to TVCG '25] Jiaye Leng**, Hui Ye, Pengfei Xu, Miu Ling Lam and Hongbo Fu. *GenFODrawing: Supporting Creative Found Object Drawing with Generative AI.*
- **[CHI '24]** Hui Ye*, **Jiaye Leng* (joint first author)**, Pengfei Xu, Karan Singh and Hongbo Fu. *ProInterAR: A Visual Programming Platform for Creating Immersive AR Interactions.* In Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems
- **[IJHCI '23]** Aoxin Sun, Lili Wang, **Jiaye Leng** and Sio Kei Im. *Light-Occlusion Text Entry in Mixed Reality.* In International Journal of Human-Computer Interaction
- **[CHI '23]** Hui Ye, **Jiaye Leng**, Chufeng Xiao, Lili Wang and Hongbo Fu. *ProObjAR: Prototyping Spatially-aware Interactions of Smart Objects with AR-HMD.* In Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems
- **[TVCG '22] Jiaye Leng**, Lili Wang, Xiaolong Liu, Xuehuai Shi and Miao Wang. *Efficient Flower Text Entry in Virtual Reality.* In IEEE Transactions on Visualization and Computer Graphics: Special issue for 2022 IEEE International Symposium on Mixed and Augmented Reality
- **[VR '21]** Lili Wang, Hao Wang, Danqing Dai, **Jiaye Leng** and Xiaoguang Han. *Bidirectional Shadow Rendering for Interactive Mixed 360° Videos.* In 2021 IEEE Virtual Reality and 3D User Interfaces

ACADEMIC EXPERIENCE

Research Assistant, City University of Hong Kong May 2023 - Aug 2023
Supervisor: Prof. Hongbo Fu
Topic: Spatial Interaction in Augmented Reality

PAPER REVIEWER

Conference VR '21, ISMAR '21 '22, CHI LBW '23 '24
Journal Computers & Graphics

SELECTED HONORS & AWARDS

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	2020
2018 The ACM-ICPC Asian Regional Contest, Jiaozuo Site, **Gold Medal**	2018
2018 The ACM-ICPC Asian-East Continent Final, Xi'an Site, **Bronze Medal**	2018
First Prize Scholarship, China University of Mining and Technology	2017, 2018, 2019