

JIAYE LENG

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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 by postgraduate recommendation

PUBLICATIONS

- **[Under Submission]** **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

Jun 2023 - Aug 2023

Supervisor: Hongbo Fu

Topic: Spatial Interaction in Augmented Reality

SKILLS & SERVICE

Programming	C/C++, C#, Python, Pytorch, Unity 3D, OpenGL, L ^A T _E X
Hardware	HTC Vive Headsets, Microsoft HoloLens, Azure Kinect, ZED
Paper Review	VR '21, ISMAR '21 '22, CHI LBW '23 '24

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