WEI HE

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EDUCATION

Hong Kong University of Science and Technology (Guangzhou), China   *01/2025 – 01/2029*
Ph.D. in Thrust of Urban Governance and Design

The Hong Kong Polytechnic University, Hong Kong SAR   *01/2024 – 06/2024*
M.Phil. (**Quit**), Department of Industrial and Systems Engineering

Hunan University, China   *09/2018 – 06/2022*
B.Sc. in Vehicle Engineering

RESEARCH EXPERIENCE

Hong Kong University of Science and Technology (Guangzhou), China   *06/2024 - Present*
Research Assistant
Supervisor: Lin Ge Kan

The Hong Kong Polytechnic University, Hong Kong SAR   *12/2023 - 05/2024*
Research Assistant
Supervisor: Lik-Hang Lee

Hong Kong University of Science and Technology (Guangzhou), China   *06/2023 - 12/2023*
Research Assistant
Supervisor: Lin Ge Kan

RESEARCH COLLABORATION

University of Cambridge, United Kingdom   *11/2023 - Present*
Mentor: Xiang Li

PUBLICATION (P: JOURNAL & CONFERENCE PAPERS; EA: EXTENDED ABSTRACTS)

[P.6] Play Together, Last Longer: Exploring the Impact of Co-Player Accompaniment on Engagement and Exercise in Virtual Reality, PACM HCI: **CHI PLAY 2025**. Under Review
Wei He, Xiang Li, Hai-Ning Liang, Ge Lin Kan.

[P.5] NAVIS: Navigating Virtual Spaces with Immersive Scooters, ACM **UIST 2025**. Under Review
Wei He, Xiang Li, Ge Lin Kan.

[P.4] What is Immersive Experience?, IEEE Transactions on Visualization and Computer Graphics (**IEEE TVCG**). Under Review
Xiang Li, **Wei He**, Per Ola Kristensson.

[P.3] microGEXT: Exploring Microgestures for Text Editing in Virtual Reality, IEEE Transactions on Visualization and Computer Graphics (**IEEE TVCG**). Under Review
Xiang Li, **Wei He**, Per Ola Kristensson.

[EA.2] The Framework of NAVIS: Navigating Virtual Spaces with Immersive Scooters, ACM **MUM 2024**.
Zhixun Lin, **Wei He**, Xinyi Liu, Mingchen Ye, Xiang Li, Ge Lin Kan.

[P.2] MetaDragonBoat: Exploring Paddling Techniques of Virtual Dragon Boating in a Metaverse Campus, ACM **MM 2024**.
Wei He, Xiang Li, Yuzheng Chen, Shengtian Xu, Chan-in Sio, Lin Ge Kan, Lik-Hang Lee.

[P.1] Exploring Creation Perspectives and Icon Placement Preferences for On-Body Menus in Virtual Reality, PACM HCI: **ISS 2024**.
Xiang Li, **Wei He**, Shan Jin, Jan Gugenheimer, Pan Hui, Hai-Ning Liang, Per Ola Kristensson.

[EA.1] Dragon Boat Simulation: An Immersive Experience Beyond Traditional Gaming, ACM **SUI 2023**.
Wei He, Yuzheng Chen, Changwen Ding, Shengtian Xu, Lik-Hang Lee, Lin Ge Kan.

SERVICE

Reviewer,
ACM CHI PLAY: Work-in-Progress   *2024*
ACM CHI: Late-Breaking Work   *2024*

Demonstrator,
HKUST(GZ) UGOD Summer Camp   *07/2024*
HKUST(GZ) 2024 "AI + Metaverse" Campus Open Day   *06/2024*

AWARD & SCHOLARSHIP

HKUST(GZ) Research Assistantship, China   *06/2024 – 01/2025*

PolyU Research Postgraduate Scholarship, Hong Kong   *01/2024 – 05/2024*
A monthly stipend of HK\$ 18,470

HKUST(GZ) Research Assistantship, China   *06/2023 – 12/2023*

National Formula Student Combustion China, China   *2021*
First Prize

SKILL

Programming Language and Framework
Python, Unity3D (C#), Arduino (C++), C, R, LaTeX, UG NX, CAD.

Language
Chinese (Native), English (Professional), Japanese (Basic).

REFERENCE

Lin Ge Kan
Head Professor at the Hong Kong University of Science and Technology
Email: gelin@hkust-gz.edu.cn

Hai-Ning Liang
Associate Professor at the Hong Kong University of Science and Technology
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Xiang Li
PhD at the University of Cambridge
Student Fellow at the Leverhulme Centre for the Future of Intelligence
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