

WEI HE

Phone: (+86) 181-7089-9765 — Email: whe694 (at) connect.hkust-gz.edu.cn

EDUCATION

- Hong Kong University of Science and Technology (Guangzhou), China** 02/2025 – Present
Ph.D. in Thrust of Urban Governance and Design
- The Hong Kong Polytechnic University, Hong Kong SAR** 01/2024 – 05/2024
M.Phil. (Discontinued) in 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 - 01/2025
Research Assistant
Supervisor: Lin Ge Kan
Collaborator: Hai-Ning Liang
- 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
Collaborator: Per Ola Kristensson

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

- [P.3] (**Preprint**) *Evaluating the Usability of Microgestures for Text Editing Tasks in Virtual Reality*, IEEE TVCG. **Innovate UK Immersive Tech Award 2025 for Technical Innovation**
Xiang Li, **Wei He**, Per Ola Kristensson.
- [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.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.
- [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 IMX: Full Paper	2025
ACM CHI: Late-Breaking Work	2025
ACM CHI PLAY: Work-in-Progress	2024
ACM CHI: Late-Breaking Work	2024
Student Volunteer,	
IEEE VR	2025
Demonstrator,	
HKUST(GZ) UGOD Summer Camp	07/2024
HKUST(GZ) 2024 “AI + Metaverse” Campus Open Day	06/2024

AWARD & SCHOLARSHIP

HKUST(GZ) Postgraduate Studentship, China	02/2025 - Present
A monthly stipend of CNY\$ 15,000	
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, L^AT_EX, UG NX, CAD.

Language

Chinese (Native), English (Professional, IELTS: 6.5), Japanese (Basic).

REFERENCE

Lin Ge Kan

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Hai-Ning Liang

Associate Professor at the Hong Kong University of Science and Technology (Guangzhou)

Email: hainingliang@hkust-gz.edu.cn

Xiang Li

PhD at the University of Cambridge

Student Fellow at the Leverhulme Centre for the Future of Intelligence

Email: xl529@cam.ac.uk