

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