

WEI HE

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EDUCATION

Hong Kong University of Science and Technology (Guangzhou), China 02/2025 – 01/2029
Ph.D. in Thrust of Urban Governance and Design

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)

[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 A monthly stipend of HK\$ 18,470	01/2024 – 05/2024
HKUST(GZ) Research Assistantship, China	06/2023 – 12/2023
National Formula Student Combustion China, China First Prize	2021

SKILL

Programming Language and Framework

Python, Unity3D (C#), Arduino (C++), C, R, L^AT_EX, 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 (Guangzhou)
Email: gelin@hkust-gz.edu.cn

Hai-Ning Liang

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

PhD at the University of Cambridge
Student Fellow at the Leverhulme Centre for the Future of Intelligence
Email: xl529@cam.ac.uk