WEI HE

Phone: (+86) 181-7089-9765 — **Email**: wei.he1024 (at) gmail.com

EDUCATION

Hong Kong University of Science and Technology (Guangzhou), China — *09/2024 - Present*
M.Phil., Thrust of Urban Governance and Design (Society Hub)

The Hong Kong Polytechnic University, Hong Kong SAR — *01/2024 – 06/2024*
M.Phil., 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
Supervisors: Lin Ge Kan and Lik-Hang Lee

RESEARCH COLLABORATION

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

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

[P.5] Cross-sectional Projection for Object Selection in Mixed Reality, ACM **UIST 2025**. Under Review
Wei He, Xiang Li, Per Ola Kristensson.

[P.4] Exploring Microgestures for Text Editing in Virtual Reality, ACM **CHI 2025**. Under Review
Xiang Li, **Wei He**, John J. Dudley, Per Ola Kristensson.

[P.3] What is Immersive Experience?, IEEE **TVCG**. Under Review
Xiang Li, **Wei He**, John J. Dudley, Per Ola Kristensson.

[P.2] Exploring Creation Perspectives and Icon Placement for On-Body Menus in Virtual Reality, PACM HCI: **ISS 2024**. Under Review
Xiang Li, **Wei He**, Shan Jin, Jan Gugenheimer, Pan Hui, Hai-Ning Liang, Per Ola Kristensson.

[P.1] 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.

[EA.1] Dragon Boat Simulation: An Immersive Experience Beyond Traditional Gaming,
ACM **SUI 2023**. https://doi.org/10.1145/3607822.3618022
Wei He, Yuzheng Chen, Changwen Ding, Shengtian Xu, Lik-Hang Lee, Lin Ge Kan.

AWARD & SCHOLARSHIP

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

Formula Student Combustion China, China   *2021*
First Prize

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*

SKILL

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