

Jin-Du Wang

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🌐 <https://hippodu001.github.io/>

Education

The Hong Kong University of Science and Technology <i>M.Phil. in Computer Science and Engineering</i> Supervisor: Huamin Qu	Hong Kong, China 09/2024 – 06/2026
Xi'an Jiaotong University <i>B.Eng. in Software Engineering</i>	Xi'an, China 09/2020 – 06/2024
Neuromatch Academy <i>Deep Learning Summer School</i>	Remote 07/2021 – 08/2021

Research Experience

HKUST VisLab, The Hong Kong University of Science and Technology <i>M.Phil. Researcher</i> Supervisor: Huamin Qu; Collaborator: Shengdong Zhao, Linping Yuan	Hong Kong SAR 09/2024 – 06/2026
HCI Lab, Korea Advanced Institute of Science and Technology (KAIST) <i>Research Intern</i> Advisor: Geehyuk Lee	Daejeon, Korea 06/2023 – 09/2023
Institute of Software, Chinese Academy of Sciences <i>Research Intern</i> Advisor: Teng Han	Beijing, China 07/2022 – 05/2023
Lenovo Research <i>Research Intern</i> Advisor: Nianlong Li	Beijing, China 07/2022 – 05/2023
Intelligent Interaction Lab, Xi'an Jiaotong University <i>Research Assistant</i> Advisor: Zhongmin Cai	Xi'an, China 10/2022 – 05/2024

Work Experience

Beijing Digital Force Field Technology Co., Ltd <i>Unity Game Development Intern</i>	Beijing, China 06/2022 - 07/2022
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Publications and Projects

Under Review / In Submission	
C4: NeuroSync: Intent-Aware Code-Based Problem Solving via Direct LLM Understanding Modification. (Under Review ACM UIST'25) Wenshuo Zhang, Leixian Shen, Shuchang Xu, Jin-Du Wang , Jian Zhao, Huamin Qu, Linping Yuan	
C3: Handows: A Palm-Based Interactive Multi-Window Management System in Virtual Reality. (Under Review IEEE ISMAR'25) Jin-Du Wang , Ke Zhou, Haoyu Ren, Per Ola Kristensson, Xiang Li	
J2: Effects of Thin Tactile Overlays on Ordinary and Mistouch-tolerant Touchscreen Keyboards. (In Submission to IJHCI) Jin-Du Wang , Geehyuk Lee	
Published	
J1: Exploring Swarm Manipulation in Virtual Reality. Computers & Graphics. Xiang Li, Jin-Du Wang , John J. Dudley, Per Ola Kristensson	
C1: Swarm Manipulation in Virtual Reality. ACM SUI'23	

Xiang Li, Jin-Du Wang, John J. Dudley, Per Ola Kristensson

R&D Projects (On Going)

P2: Guangdong-Hong Kong-Macao Greater Bay Area Regional Earth System Digital Twin Project
Design and develop a visual analytics-based interactive game to educate public about underwater hypoxia phenomena in the Guangdong-Hong Kong-Macao Greater Bay Area's ocean ecosystem.

P1: Digital Twin Smart Campus at HKUST

Build a platform integrating real-time campus data with features like AR, sustainability gamification, and smart navigation to enhance campus management and user experience.

More details: [Project Link](#)

Honors and Awards

- KAIST International Research Studentship 06/2023
- Xi'an Jiaotong University Scholarship 11/2022
- Wang Shishao and Qiu Qizhen Scholarship 07/2022
- China Merchants Bank Scholarship 03/2022
- China International College Students' "Internet+" Innovation and Entrepreneurship Competition, Gold Prize 10/2022
- Software Patent Certification, Apple App Store: ARKF 04/2022
- Bluebridge Cup National Software Development Competition, Third Prize 04/2022
- Tencent Cloud Practitioner Certification 11/2021
- National College Student Psychology Committee Top 100 Member 10/2021

Skills

Programming Languages: C#, Java, Python, GLSL, C/C++, WebDev (HTML,CSS,JS)

Working Languages: Chinese (Native), English (Professional, IELTS: 7)

Software and Tools: Unity3D (XR Dev), Figma, L^AT_EX, User Study Design, Visio, MySQL

Referees

Huamin Qu:

Chair Professor at the Hong Hong University of Science and Technology

Email: huamin@cs.ust.hk

Geehyuk Lee:

Professor at the Korea Advanced Institute of Science and Technology

Email: geehyuk@kaist.ac.kr

Nianlong Li:

Staff Researcher at Lenovo Research

Email: linl1@lenovo.com

Linping Yuan:

Research Assistant Professor at the Hong Hong University of Science and Technology

Email: yuanlp@ust.hk

Teng Han:

Professor at the Institute of Software, Chinese Academy of Sciences

Email: hanteng@iscas.ac.cn

Xiang Li:

Ph.D. Student at the University of Cambridge

Email: xl529@cam.ac.uk