

Jin-Du Wang

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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	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

Published (Conferences and Journals).....

C1: Handows: A Palm-Based Interactive Multi-Window Management System in Virtual Reality. IEEE Transactions on Visualization and Computer Graphics (Special Issue of IEEE ISMAR' 25, To Appear)

Jin-Du Wang, Ke Zhou, Haoyu Ren, Per Ola Kristensson, Xiang Li

C2: NeuroSync: Intent-Aware Code-Based Problem Solving via Direct LLM Understanding Modification. ACM Symposium on User Interface Software and Technology (UIST)'25

Wenshuo Zhang, Leixian Shen, Shuchang Xu, Jin-Du Wang, Jian Zhao, Huamin Qu, Linping Yuan

C3: Swarm Manipulation in Virtual Reality. ACM Symposium on Spatial User Interaction (SUI)'23

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

J1: Exploring Swarm Manipulation in Virtual Reality. Computers & Graphics.

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

Under Review / In Submission.....

C1: From Passive Viewing to Seamless Recovery: Designing Interactive Break Experiences for

Knowledge Workers with Entertainment-Inspired Guidance. (In Submission to ACM CHI'26)

Jin-Du Wang, Shuchang Xu, Tianrui Hu, Runze Cai, Huamin Qu, Linping Yuan, Shengdong Zhao

J1: Effects of Thin Tactile Overlays on Ordinary and Mistouch-tolerant Touchscreen Keyboards.

(In Submission to International Journal of Human-Computer Interaction)

Jin-Du Wang, Geehyuk Lee

Art Tech Projects.....

A1: Capillary Network: Exploring Interspecies Kinship through Real Data and Biological Inspired Algorithm. (Accepted by: Ars Electronic Campus Exhibition; In Submission to: Siggraph Asia'25 Art Papers, VIS Art Program'25)

Hanlu Ma, Hengyu Meng, Robert Jankowski, Jin-Du Wang, Tianrui Hu, Miss. Ziwei Wu

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.

Teaching and Services

Teaching Assistant.....

2025 Spring @HKUST: COMP2012 Object-Oriented Programming and Data Structures

Services.....

Reviewer: : CHIPLAY'25 (Work in Progress, **Special Recognition**), CHI'25 (Late Breaking Work), IMX'25 (Full Paper), ISS'24 (Full Paper).

Honors and Awards

○ HKUST Postgraduate Studentship	09/2024 - 06/2026
○ KAIST International Research Studentship	06/2023 - 09/2023
○ Xi'an Jiaotong University Academic Scholarship	11/2022
○ Wang Shishao and Qiu Qizhen Academic Scholarship	07/2022
○ China Merchants Bank Academic 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

Technical Proficiency: C#, Python, Java, C/C++, Web (HTML, CSS, JavaScript), GLSL, Unity3D (XR Dev), LLM API Integration, MySQL

HCI Research & Design: User Study Design, Prototyping, Qualitative & Quantitative Data Analysis, Figma, L^AT_EX, Visio

Languages: Chinese (Native Proficiency), English (Professional Working Proficiency, IELTS: 7.0)