

Ching Christie Pang

HUMAN COMPUTER INTERACTION · HUMAN-AI RELATIONSHIPS · PROSOCIAL TECHNOLOGY · IMMERSIVE TECHNOLOGIES

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Education

Hong Kong University of Science and Technology

Hong Kong SAR

DOCTOR OF PHILOSOPHY IN INDIVIDUALIZED INTERDISCIPLINARY PROGRAM (IMMERSIVE TECHNOLOGIES)

Jan. 2024 - Present

- Supervisor(s): Professor Pan Hui (IIP/CMAA), Professor James Kwok (CSE)

City University of Hong Kong

Hong Kong SAR

MASTER OF ARTS IN CREATIVE MEDIA (TPG FELLOWSHIP FUNDED)

Aug. 2022 - Jun. 2023

- Relevant Coursework: Interactive Media II (A+), Introduction to Media and Cultural Studies (A+), Critical Ludology (A)
- E-Certificate and Access Code: azh0jfp

City University of Hong Kong

Hong Kong SAR

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Aug. 2018 - Jun. 2022

- Relevant Coursework: Final Year Project (A), Multimodal Interface Design (A), Guided Study: Computer Vision on Crowd-counting (A-)
- Semester Exchange to Department of Computer Science and Technology, Tsinghua University, Beijing (Jan - Jul 2022).
- E-Certificate and Access Code: azh0jfp

Publication

- [1] **Ching Christie Pang**, Xuetong Wang, Pan Hui. 2026. "In What Ways Do You Exist, and In What Way I Commit": Exploring the Perception, Impacts, and Affordances of Conversational AI-Human Intimacy. [CHI, Under Review]
- [2] Xuetong Wang, **Ching Christie Pang**, Pan Hui. 2025. 'My Dataset of Love': A Preliminary Mixed-Method Exploration of Human-AI Romantic Relationships. Comput. Supported Coop. Work (CSCW'25) (Oct 2025). <https://doi.org/10.1145/3757532>
- [3] Xuetong Wang, **Ching Christie Pang**, Pan Hui. 2025. Talking Spell: A Wearable System Enabling Real-Time Anthropomorphic Voice Interaction with Everyday Objects. In Proceedings of the 38th Annual ACM Symposium on User Interface Software and Technology (UIST '25). Association for Computing Machinery, NY, USA, Article 117, 1–17. <https://doi.org/10.1145/3746059.3747617>
- [4] **Ching Christie Pang**, Yawei Zhao, Zhizhuo Yin, Jia Sun, Reza Hadi Mogavo, Pan Hui. 2025. Artificial Human Lecturers: Initial Findings from Asia's First AI Lecturers in Class to Promote Innovation in Education. In: Smith, B.K., Borge, M. (eds) *Learning and Collaboration Technologies*. HCII'25. Lecture Notes in Computer Science, vol 15807. Springer, Cham. https://doi.org/10.1007/978-3-031-93567-1_8
- [5] Ryan Yen, Li Feng, Brinda Mehra, **Ching Christie Pang**, Siying Hu, and Zhicong Lu. 2023. StoryChat: Designing a Narrative-Based Viewer Participation Tool for Live Streaming Chatrooms. In Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (CHI '23). Association for Computing Machinery, New York, NY, USA, Article 795, 1–18. <https://doi.org/10.1145/3544548.3580912>

Professional Experience

Department of Public and International Affairs, City University of Hong Kong

Hong Kong SAR

RESEARCH ASSISTANT (PROF. BO WEN & PROF. ZHICONG LU)

Jul. 2023 - Dec. 2023

- Support in collecting literature review, data, and information through 70+ surveys and other means.
- Leading member of the project *Improving Citizens' Trust in Public Administrators via the Leverage of AR-based Co-located Social Interactions* (support by Research Impact Fund (RIF)):
 - Analyse multiplicative factors in local public services challenges;
 - Conducting focus groups with 30+ current public administrators to explore how public trust and empathy alter their duties;
 - Co-designing AR prototypes with administrators.
- **Skills:** LaTeX, C (Unity 3D), data synthesis and evaluation

Kodify Limited

Hong Kong SAR

UI/UX DESIGNER

Jun. 2022 - Aug. 2022

- Gathered and evaluated user requirements in collaboration with 20+ product managers and engineers by building the navigation components, wireframes, and graphics.
- Built a system for 10+ local Chinese medicine clinics' administration, dispensary storage, appointment registration, and booking.
- Facilitate instant and responsive patients' service, which increased healthcare service sales 120% after the launch of our system.
- **Skills:** Proficient use of Figma, Premier Pro; web programming technologies

Swire Resources Limited

PROGRAMMER - DATA ANALYSIS ASSISTANT

Hong Kong SAR

Jun. 2020 - Jun. 2021

- Assisted in data analysis and visualization via Tableau and Spark.
- Led the Marathon Sports E-Store application and compatibility testing (configuration and Dynamic) on 15+ applications in a team of eight.
- Conducted usability studies for a universal design, from writing a research proposal to recruiting users, moderating usability tests, analyzing, and presenting results.
- Generated Dynamic Pivots with different divisions for in-store assessment tools CRM reports from 4 chains and 12 brands.
- Created Excel macro via VBA that analysed 2yrs of 200+ shops data.
- Skills:** Proficient use of VBA and Tableau on databases, including PostgreSQL and MySQL; Spark, Python, and essential web technologies (HTML5, CSS, JavaScript, PHP).

Research Projects Highlights

Hands in Hands

Beijing

SUPERVISED BY DR. QIN GAO, TSINGHUA UNIVERSITY

Mar. 2022 - Mar. 2023

- Selected project of THU Innovation and Entrepreneurship Training Program 2022.
- Developed an assistive application that aims to provide sign language translation, courses, and dictionaries to enable the general public to understand sign language via mobile phone translation; communicate deaf and needy as naturally as possible.

Forever Your Partner

Hong Kong SAR

SUPERVISED BY DR. ZHICONG LU, CITY UNIVERSITY OF HONG KONG

Sep. 2021 - Jun. 2022

- Designed agents to share the workload of Nakanohitos and an innovative user interface in virtual reality.
- To enhance media exposure and view rate by reducing the Distant Feeling; to break Boundaries between real and virtual worlds.
- Selected as the Outstanding Final Year Project.

Leadership and Positions of Responsibility

2025	Local Arrangement Chair , ACM Multimedia Systems (MMSys) 2026	Hong Kong SAR
2025	Art Gallery Assistant , International Joint Conference on Artificial Intelligence (IJCAI) 2025	Montreal & GZ
2024- NOW	Hall Tutor , 6F, Undergraduate Hall 9, HKUST	Hong Kong SAR
2022-23	MACM Student Representative , CityU Staff-Postgraduate Consultative Committee	Hong Kong SAR
2022	Zijing No. 22 Building Leader , Tsinghua University International Student Dormitory Committee	Beijing
2022	Design Thinking Ambassador , for The Schools Challenge 2021 Team A5	Hong Kong SAR
2021	PM & IT Team Secretary , Change the Code - CityU Chapter	Hong Kong SAR
2019-22	Mentor & Emcee , for 20+ freshmen in the Department of Computer Science, CityU	Hong Kong SAR
2018-19	Ambassador , Companions of Social Inclusion (COSI)	Hong Kong SAR

Honors & Awards

ACADEMIC

2022	Targeted Taught Postgraduate Programmes Fellowship , awarded HKD 120,000. Given to the local top graduate students for academic excellence and demonstrated leadership.	Hong Kong SAR
2022	Shanghai Commercial Bank Scholarship , awarded HKD 10,000 in support of academic activities.	Hong Kong SAR
2022	English Proficiency Scholarship , full sponsorship of the test fee in IELTS (Academic Module).	Hong Kong SAR
2021	Dean's List , Semester A 2021-22, College of Engineering, City University of Hong Kong.	Hong Kong SAR
2021	Microwave Scholarship , awarded HKD 10,000 in support of research activities.	Hong Kong SAR

NON-ACADEMIC

2022	Merit , Design a University Tiger Mascot Competition, City University of Hong Kong.	Hong Kong SAR
2021	Talent Development Scholarship (TDS) , HKSAR Government Scholarship Fund.	Hong Kong SAR
2021	Second Runners-Up , CityHack 2021. Our entry: SAffice.	Hong Kong SAR
2020	Mentor Service Awards , College of Engineering at City University of Hong Kong.	Hong Kong SAR
2017	Finalist , Student of the Year Visual Artist 2017.	Hong Kong SAR
2016	Second Prize , The 4th "Bauhinia Cup" Painting and Calligraphy Competition	Hong Kong SAR

Skills

Technologies	Languages: Python, C#, HTML, CSS, JavaScript, LaTeX; databases: PostgreSQL, MySQL; libraries: CUDA, PyTorch
Visualization	Data: Tableau, VBA, Matlab, UML; design: Procreate, Figma, Adobe Photoshop, Illustrator, Premiere Pro, XD
Miscellaneous	Certified UAS Pilot Training (Mavic & Phantom Series), Google Foundations of User Experience Design