

QIN Jiantong

📞 +852 65040945 📩 1155191496@link.cuhk.edu.hk 🌐 <https://github.com/clearlove43967>

Education

The Chinese University of Hong Kong <i>Bachelor of Engineering, Artificial Intelligence: Systems and Technologies</i>	Sep 2022 - Jun 2026 (Expected)
<ul style="list-style-type: none">Core Courses: Machine Learning, Numerical Optimization, Multimedia SystemsCGPA: 3.69 / 4.00 Major GPA: 3.81/4.00ELITE Stream (Faculty of Engineering honors program)	

University of Bristol <i>Semester Exchange</i>	Jan 2025 - May 2025
<ul style="list-style-type: none">Relevant Courses: Statistical Machine Learning, Computer Graphic Interface (CGI), Methods of Artificial Intelligence	

Experience

Research Assistant , The Chinese University of Hong Kong <i>Supervised by Prof. Michael R. Lyu</i>	May 2025 - Present Hong Kong
<ul style="list-style-type: none">Focusing on UI-to-code generation, developing methods to translate multipage webpage screenshots into reusable code efficiently and accurately	
Research Collaborator , Johns Hopkins University <i>Collaborate with Prof. Mark Dredze & Dr. Jen-tse Huang</i>	Mar 2025 - Jan 2026 Remote
<ul style="list-style-type: none">Conducted long-context, real-world scenario benchmarking of LLM value embeddings, uncovering a systematic knowledge-action gapBuilt an experimental pipeline, collecting and analyzing data, and proposing evaluation strategies with visualizations	
Summer Research Internship , The Chinese University of Hong Kong <i>Supervised by Prof. Michael R. Lyu</i>	Jun 2024 - Aug 2024 Hong Kong
<ul style="list-style-type: none">Made a comprehensive investigation on the performance of VLMs, such as Gemini, ChatGPT-4o and LLaVA, from different bias dimensions	
Research Collaborator , University of Southern California <i>Collaborate with Prof. Jieyu Zhao</i>	Mar 2024 - May 2025 Remote
<ul style="list-style-type: none">Systematically Measured implicit and explicit biases in 6 multimodal AI Models across 20 human-attribute dimensionsCo-led the experimental design and performed all data analysis	

Projects

Peer-to-Peer Voice Chatroom	
<ul style="list-style-type: none">Developed a peer-to-peer voice chatroom in Python, with features including voice pitch adjustment, speech-to-text function, audio cropping, audio splicing, adjust the speed of playback and GUILed GUI design and maintained most core functionalitiesProject is publicly available at https://github.com/nimudebi/CSCI3280_2023_Group2	
Super Noisy Mario	
<ul style="list-style-type: none">Developed a Python-based adaptation of the classic 2D parkour exploration game "Super Mario", uniquely featuring voice-controlled gameplayProject is publicly available at https://github.com/clearlove43967/SuperNoisyMario	

Publications

* equal contribution † corresponding author

Conference

- [1] Jen-tse Huang*, **Jiantong Qin***, Jianping Zhang, Youliang Yuan, Wenxuan Wang†, Jieyu Zhao†, 2025. VisBias: Measuring Explicit and Implicit Social Biases in Vision Language Models. In *Proceedings of the 2025 Conference on Empirical Methods in Natural Language Processing*. (EMNLP Main'25)

Ongoing

- [1] Jen-tse Huang*, **Jiantong Qin***, Xueli Qiu, Sharon Levy, Michelle R. Kaufman, Mark Dredze, 2025. Knowing But Not Doing: Convergent Morality and Divergent Action in LLMs.

Awards and Honors

CUHK Faculty of Engineering Dean's List	2023-2024
Yasumoto International Exchange Scholarships	2024
Mr. Akihiro Nagahara Student Exchange Scholarships	2024

Skills

- **Technical:** C/C++, Python (PyTorch, TensorFlow, Scikit-learn), R, MATLAB, JavaScript
- **Languages:** Mandarin (Native), English (Proficient), Cantonese (Intermediate)