

QIN Jiantong

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Education

The Chinese University of Hong Kong

Sep 2022 - Jun 2026 (Expected)

Bachelor of Engineering, Artificial Intelligence: Systems and Technologies

- Core Courses: Machine Learning, Numerical Optimization, Multimedia Systems
- CGPA: 3.69 / 4.00 | Major GPA: 3.81/4.00
- ELITE Stream (Faculty of Engineering honors program)

University of Bristol

Jan 2025 - May 2025

Semester Exchange

- Relevant Courses: Statistical Machine Learning, Computer Graphic Interface (CGI), Methods of Artificial Intelligence

Experience

Research Assistant, The Chinese University of Hong Kong

May 2025 - Present

Supervised by Prof. Michael R. Lyu

Hong Kong

- Focusing on UI-to-code generation, developing methods to translate multipage webpage screenshots into reusable code efficiently and accurately

Research Collaborator, Johns Hopkins University

Mar 2025 - Jan 2026

Collaborate with Prof. Mark Dredze & Dr. Jen-tse Huang

Remote

- Conducted long-context, real-world scenario benchmarking of LLM value embeddings, uncovering a systematic knowledge-action gap
- Built an experimental pipeline, collecting and analyzing data, and proposing evaluation strategies with visualizations

Summer Research Internship, The Chinese University of Hong Kong

Jun 2024 - Aug 2024

Supervised by Prof. Michael R. Lyu

Hong Kong

- 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

Mar 2024 - May 2025

Collaborate with Prof. Jieyu Zhao

Remote

- Systematically Measured implicit and explicit biases in 6 multimodal AI Models across 20 human-attribute dimensions
- Co-led the experimental design and performed all data analysis

Projects

Peer-to-Peer Voice Chatroom

- 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 GUI
- Led GUI design and maintained most core functionalities
- Project is publicly available at https://github.com/nimudebi/CSCI3280_2023_Group2

Super Noisy Mario

- Developed a Python-based adaptation of the classic 2D parkour exploration game "Super Mario", uniquely featuring voice-controlled gameplay
- Project 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)