

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: 3.68 / 4.00 | Major GPA: 3.84/4.00
- ELITE Stream (Faculty of Engineering honors program)

University of Bristol

Jan 2025 - May 2025

Semester Exchange

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

Experience

Research Collaborator

Remote

Collaborate with Assistant Professor Jieyu Zhao (USC)

Mar 2024 - May 2025

- Measured implicit and explicit bias in 6 multimodal AI Models
- Conducted all experimental and data analysis work

Summer Research Internship

Hong Kong

Under supervision of Prof. Michael R. Lyu

Jun 2024 - Aug 2024

- Made a comprehensive investigation on the performance of VLMs, such as Gemini, ChatGPT-4o and LLaVA, from different bias dimensions.

Research Collaborator

Remote

Collaborate with Professor Mark Dredze (JHU) & Dr. Jen-tse Huang

Mar 2025 - Present

- Evaluating the behavior of LLMs and the human values they reflect through a sociological lens.
- Contributing ideas on evaluating potential biases in AI models.

Research Assistant

Hong Kong

Under supervision of Prof. Michael R. Lyu

May 2025 - Present

- Focusing on UI-to-code generation, developing models and methods to translate webpage screenshots into executable code efficiently and accurately.

Projects

Peer-to-Peer Voice Chatroom

- Developed a sound recorder using Python. It contains several features such as voice pitch adjustment, speech-to-text function, audio cropping, audio splicing, adjust the speed of playback and GUI.
- Merged this recorder into a peer-to-peer voice chatroom.
- 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)

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)