Jingyuan **Huang**

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Summary

I am a third-year undergraduate student at The Chinese University of Hong Kong, and I am expected to graduate in May 2025. During my academic journey, I have been fortunate to receive guidance from **Prof. Michael R. Lyu** and **Asst. Prof. Yu Li** at **The Chinese University of Hong Kong**.

My research interests lie in the field of **testing and evaluating the reliability of AI models**, as well as **accelerating AI model inference**. I have previously conducted evaluations on **large language models**, **multi-modal AI models**, and **medical intelligent models**.

Currently, I am focusing on fine-tuning specialized language models for the healthcare domain, also trying to accelerate their inference process and evaluate their performance.

Education

The Chinese University of Hong Kong — *Hong Kong*

Undergraduate Student in Artificial Intelligence — *2021 - 2024*

GPA: 3.7

Experience

Artificial Intelligence in Healthcare (AIH) group — *Hong Kong*

Student Helper — *2024*

- Fine tuning AI models and evaluating its performance

ARISE Lab — *Hong Kong*

Student Helper — *2022 - 2024*

- Evaluating the Safety and Reliability of Multi-modal models and Large language models

Publication

Not All Countries Celebrate Thanksgiving: On the Cultural Dominance in Large Language Models — *ACL 2024*

Wenxuan Wang, Wenxiang Jiao, **Jingyuan Huang**, Ruyi Dai, Jen-tse Huang, Zhaopeng Tu, Michael R. Lyu — *(CCF A)*

The Annual Meeting of the Association for Computational Linguistics

A Picture is Worth a Thousand Toxic Words: A Metamorphic Testing Framework for Content Moderation Software — *ASE 2023*

Wenxuan Wang, **Jingyuan Huang**, Chang Chen, Pinjia He, Jiazhen Gu, Michael R. Lyu — *(CCF A)*

The IEEE/ACM International Conference on Automated Software Engineering

Validating Multimedia Content Moderation Software via Semantic Fusion — *ISSTA 2023*

Wenxuan Wang, **Jingyuan Huang**, Chang Chen, Jiazhen Gu,Jianping Zhang, Weibin Wu, Pinjia He, Michael R. Lyu — *(CCF A)*

The ACM SIGSOFT International Symposium on Software Testing and Analysis

Asclepius: A Spectrum Evaluation Benchmark for Medical Multi-Modal Large Language Models — *Under Review by MM 2024*

Wenxuan Wang*, Yihang Su,**Jingyuan Huang**, Jie Liu, Wenting Chen, Yudi Zhang, Cheng-Yi Li, Kao-Jung Chang, Xiaohan Xing, Linlin Shen, Michael R. Lyu — *(CCF A)*

ACM Multimedia 2024

Skills

Computer Skills, Machine Learning, Deep Learning, Python, C, SQL

Research Skills, Self-motivated. Quick at summarizing key points of papers and forming an overall impression of a field.