

Yiu-Fai CHEUNG

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EDUCATION

The Chinese University of Hong Kong

B.Sc. in Computer Science, Minor in Statistics

Hong Kong

Sep. 2022 – Jul. 2026 (Expected)

- CGPA: 3.80/4.0, Major GPA: 3.829/4.0
- Student of [ELITE Stream](#) of the Faculty of Engineering

College of Engineering, Peking University

2023 Globex Julmester Program (3-week summer school program)

Beijing, China

Jul. 2023

- Course taken: "Machine Learning Algorithms: From Math to Code"

RESEARCH EXPERIENCE

UG Summer Research Internship

Jun. 2025 – Aug. 2025

Hong Kong

Department of Computer Science and Engineering, CUHK

- Developed an assessment framework specifically designed for medical benchmarks for LLMs
- Conducted an in-depth empirical evaluation of 53 medical LLM benchmarks, uncovering widespread, systemic issues of the current evaluation landscape

PUBLICATIONS

Zizhan Ma, Wenxuan Wang, Guo Yu, **Yiu-Fai Cheung**, Meidan Ding, Jie Liu, Wenting Chen, Linlin Shen, 2025. *Beyond the Leaderboard: Rethinking Medical Benchmarks for Large Language Models.* arXiv preprint arXiv:2508.04325 (Under review at ACL ARR).

WORK IN PROGRESS

Towards a High-Throughput Meta-Analysis Navigation (HiT-MAN) Agentic Model for Idea Exploration

- Advisor: [Dr. Kao-Jung Chang](#)
- Decomposed the process of meta-analysis into sub-tasks and constructed a dataset of medical meta-analysis
- Fine-tuned and evaluated performance of existing closed-source and open-source LLMs on tasks in meta-analysis

The Efficacy of Large Language Model-based Interventions for Mental Health Outcomes: A Systematic Review and Meta-Analysis

- Advisor: [Prof. Wenxuan Wang](#)
- Co-led a systematic review and meta-analysis on the effectiveness of LLM-based interventions for mental disorders
- Registered in PROSPERO [CRD420251270068](#)

WORK EXPERIENCE

Software Development Internship

Jun. 2024 – Jan. 2025

Hong Kong

KEEP (Knowledge and Education Exchange Platform) - Supervisor: [Prof. Irwin King](#)

- Participate in the development of AI course assessment platform using React and Node.js
- Develop the backend of online course searching platform with Node.js and Python

SKILLS

Technologies: Pytorch, Pandas, NumPy, Matplotlib, BeautifulSoup, React, Node.js, Git, Github, VS Code, Linux

Languages: Cantonese (native), English (working proficiency), Mandarin (working proficiency)

AWARDS

- ELITE Stream Scholarship 2023-24
- Dean's list 2022-23, 2023-24, 2024-25
- Head's list 2022-23, 2023-24
- Mr. Kenneth Leung Memorial Scholarship
- Store Friendly Charity Foundation Admission Scholarship for the Faculty of Engineering
- Faculty of Engineering Admission Scholarships for New Students
- CUHK Admission Scholarship
- Scholarship for Family Members of Registered Construction Workers 2022