

Yiu Fai CHEUNG

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PROFILE

I am a passionate third-year Computer Science student deeply interested in machine learning, large language models, LLM safety, agents and their related applications. I aspire to pursue PhD in the future, and I am looking for undergraduate research opportunity to gain hands-on experience and participate in innovative research.

EDUCATION

The Chinese University of Hong Kong

B.Sc. in Computer Science

Hong Kong

Sep. 2022 – Present

- CGPA: 3.824/4.0
- Student of [ELITE Stream](#) of the Faculty of Engineering
- Relevant Coursework: Artificial Intelligence, Numerical Optimization, Mathematical modeling, Data structures, ...

College of Engineering, Peking University

2023 Globex Julmester Program

Beijing, China

Jul. 2023

- 3-week summer school program in Peking University
- Course taken: "Machine Learning Algorithms: From Math to Code"

RESEARCH EXPERIENCE

Research Assistant - Application of LLM on medical research

Department of Computer Science and Engineering, CUHK - Advisor: [Wang Wenxuan](#)

Jun. 2024 – Present

Hong Kong

- Work closely in a team with PhD students and medical expert
- **Construct dataset** with web crawling, human and LLM annotation
- **Evaluate performance** of existing closed-source and open-source LLMs
- **Fine-tuned open-source LLMs**, leading to notable improvements in different tasks

WORK EXPERIENCE

Software Development Internship

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

Jun. 2024 – Jan. 2025

Hong Kong

- 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**
- Work on the game logic and backend of gamification classroom project using **Roblox** and **Python**

SKILLS

Programming Languages: Python, JavaScript, HTML/CSS, C/C++

Technologies: Pytorch, Pandas, NumPy, Matplotlib, BeautifulSoup, React, Node.js

Tools: Git, Github, VS Code, Linux

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

AWARDS

- ELITE Stream Scholarship 2023-24
- Dean's list 2022-24
- 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