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EDUCATION

Nanyang Technological University	Singapore	Aug 2024 – May 2025 (Expected)
<ul style="list-style-type: none">• M.Sc. in Financial Technology (Intelligent Process Automation)		
The Chinese University of Hong Kong	Hong Kong	Sept 2020 – Jul 2024
<ul style="list-style-type: none">• B.Sc. (Hons) in Computer Science (Stream: Database and Information Systems), First Class (Top 15%)• Coursework: Web-scale Info Analytics, Cloud Computing & Storage, Computer Network & Distributed System, Software Engineering, Design and Analysis of Algorithms, Operating Systems, Database Systems, Fundamentals of AI, Principles of Programming Languages, Computer Organization and Design, Introduction to Banking & Finance, Financial Management, Basic Macroeconomics, Introduction to Logistics and Supply Chain• IELTS Test: 7.0 overall band		

PUBLICATIONS

7th ICRBME	Helsinki, Finland	14th July 2023
<ul style="list-style-type: none">• Refined Method for Demand Estimation in Differentiated Product Markets, Jian YI, Yichen LIU, <i>accepted in press</i> by 7th International Conference on Research in Business, Management and Economics.		
ECCV 2024	Milano, Italy	29th Sep 2024
<ul style="list-style-type: none">• "Evaluating Text-to-Image Generative Models: An Empirical Study on Human Image Synthesis," Muxi Chen, Yi Liu, Jian YI, Changran XU, Qiuxia LAI, Hongliang Wang, Tsung-Yi Ho, Qiang Xu, <i>under review</i> by The European Conference on Computer Vision (ECCV).		

WORK EXPERIENCE

Research Assistant	The Hong Kong Polytechnic University	June 2024 - Present
<ul style="list-style-type: none">• Empirical study on Firms' Mandatory Climate Risk Disclosures Effect on Mitigating Global Warming		
Data Analyst	Datalouder.com	June 2023 - Sept 2023
<ul style="list-style-type: none">• Developed and launched an quantitative trading (AI Bot) utilizing advanced data analysis techniques like Correlation Filtering, MIC, Random Forest, transformers, generating trading strategies, and deployed it for seamless web-based access.		
Research Intern	CURE Lab CUHK	June 2022 - Dec 2022
<ul style="list-style-type: none">• Involved in developing a universal benchmark project for Deep Learning -Based Time Series Forecasting (Code).		
Research Assistant	Hong Kong Logistics Robotics Centre	May 2021 – Sept 2021
<ul style="list-style-type: none">• Proactively created a C++ program to automate the creation of the machine learning data which reduced manual work by estimated ten days.		

SELECTED PROJECTS

- **Twitter-Clone APP (Jan 2023 – Apr 2023):** Worked with a team of five, served as project manager, and developed a full-stack twitter-clone application that can tweet, re-tweet, like/dislike, comment, and so on.
- **Linux File System:** Implemented a simple file system (Code), which observes ext3/4 file system attributes, and is capable of basic file read/write.

AWARDS AND HONORS

- **ELITE Scholarship in academic year 2021/2022** (Sept 2022)
Attained outstanding academic performance in Faculty of Engineering, fulfilled strict GPA and CGPA requirements(3.7/4.0), and participated in two required academic activities (Details).
- **Honors at Entrance, the Chinese University of Hong Kong** (Sept 2020)
Gained outstanding academic achievements on admission to the Chinese University of Hong Kong (Details).

SKILLS AND LANGUAGES

- **Programming Language:** Python, Node.js, Java, C, Python, PyTorch, SQL, RISC-V Assembly Language, Perl, Prolog, SML
- **Technologies:** Git, Flask, React.js, Docker, Bootstrap, Unix-Based OS Programming, Database Design and Maintenance, Vim, MapReduce, Socket Programming, Cloud Computing, Cloud Storage, AI Design
- **Spoken Language:** Mandarin (Native speaker), English (Fluent), Cantonese (Proficient), Hokkien (Conversant)