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EDUCATION

The Chinese University of Hong Kong   **Hong Kong**   **Sept 2020 – Jul 2024 (Expected)**
- **B.Sc. in Computer Science (Expected Stream: Database and Information Systems), cGPA: 3.50/4.00**
- **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, Data structures, Introduction to Banking & Finance, Financial Management, Macroeconomics, Introduction to Logistics and Supply Chain
- **IELTS Test :** 7.0 overall band
- **CFA Level I:** Registered

Nanyang Technological University   **Singapore**   **Aug 2024 – May 2025 (Expected)**
- **M.Sc. in Financial Technology Specialisations: Intelligent Process Automation**

PUBLICATIONS

7th ICRBME   **Helsinki, Finland**   **14th July 2023**
- **Refined method for demand estimation in differentiated product markets**, Jian YI, Yichen LIU, *accepted in press* by 7th International Conference on Research in Business, Management and Economics.

ECCV 2024   **Milano, Italy**   **29th Sep 2024**
- **"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, *under review* by The European Conference on Computer Vision (ECCV).

WORK EXPERIENCE

Data Analyst   **Datalouder.com**   **June 2023 - Sept 2023**
- Researched and developed quantitative trading strategies created a full-stack application for data visualization, and deployed it for seamless web-based access.
- Developed an AI Bot utilizing advanced data analysis techniques like Correlation Filtering, MIC, Random Forest, LSTM with positional encoding, generating actionable trading strategies, ensuring the Docker compatibility, CI/CD automation.

Research Intern   **CURE Lab CUHK**   **June 2022 - Dec 2022**
- Involved in developing a universal benchmark project for Deep Leaning -Based Time Series Analysis and Forecasting (code)

Research Assistant   **Hong Kong Logistics Robotics Centre**   **May 2021 – Sept 2021**
- Proactively created a C++ program to automate the creation of the machine learning data which reduced manual work by estimated ten days

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(3.7/3.5), 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

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 Maintainance, Vim, MapReduce, Socket Programming, Cloud Computing, AI Design
- **Spoken Language:** Mandarin (Native speaker), English (Fluent), Cantonese (Proficient), Hokkien (Conversant)