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EDUCATION

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| Nanyang Technological University | Singapore | Aug 2024 – May 2025 (Expected) |
| <ul style="list-style-type: none">• M.Sc. in Financial Technology (Specialism: Intelligent Process Automation)• Coursework: Introduction to Algo trading, Principles of Finance and Risk Management, Foundations of Statistical Modeling, Fintech Ecosystem & Innovation, Quantitative Methods in Finance, Micro & Macro Economics• Postgraduate Entrance Scholarship 2024, Anxi Mingning Educational & Charitable Association <i>Cap. 8,000 CNY.</i> (Details) | | |
| 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, Software Engineering, Design and Analysis of Algorithms, Operating Systems, Database Systems, Fundamentals of AI• ELITE Scholarship AY 2021/2022, Faculty of engineering, CUHK, <i>Cap. 20,000 HKD.</i> (Details)• Honors at Entrance AY2020/2021, the Chinese University of Hong Kong, <i>Cap. 300,000 HKD.</i>(Details).• Undergraduate Entrance Scholarship 2020, Anxi Mingning Educational & Charitable Association <i>Cap. 5,000 CNY.</i> (Details) | | |

SKILLS AND LANGUAGES

- **Programming Language:** Python, JavaScript, Java, C, C++, Python, PyTorch, SQL, RISC-V Assembly, Perl, Prolog, SML
- **Technologies:** Git, Flask, React.js, Node.js, Express.js, Docker, Unix-Based OS Programming, Database Design and Maintenance, Vim, MapReduce, Socket Programming, Cloud Computing, Cloud Storage, AI Design
- **Spoken Language:** Mandarin (Native speaker), English (IELTS 7.0), Cantonese (Fluent), Hokkien (Conversant)

PUBLICATIONS & SERVICES

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| 7th ICRBME | Helsinki, Finland | 14th July 2023 |
| <ul style="list-style-type: none">• Refined Method for Demand Estimation in Differentiated Product Markets, <u>Jian Yi</u>, Yichen LIU, <i>accepted in press</i> by 7th International Conference on Research in Business, Management and Economics Details. | | |

WORK EXPERIENCE

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| Student Research Assistant | Nanyang Technological University | August 2024 - Present |
| <ul style="list-style-type: none">• Constructed data warehouse and developed websites to visualize the global climate data for GAIP Global Details, Website. | | |
| Research Staff | The Hong Kong Polytechnic University | June 2024 - Present |
| <ul style="list-style-type: none">• Used LLMs to analyse reports and constructed database about Firms' Mandatory Climate Risk Disclosures Effect on Mitigating Global Warming with empirical data to conduct event study research.Source Code | | |
| Data Analyst, Software Engineer | Datalouder.com | June 2023 - Sept 2023 |
| <ul style="list-style-type: none">• Independently developed and launched a quantitative trading AI Bot, leveraging advanced data analysis techniques and AI models to identify patterns in data, generating and back-testing trading strategies, updating web-accessible content.Telegram channel, Source code | | |
| Summer Research Internship | The Chinese University of Hong Kong | June 2022 - Dec 2022 |
| <ul style="list-style-type: none">• Involved in developing a universal benchmark project for Deep Learning -Based Time Series Forecasting for various time series dataset: exchange rate, traffic, stock price (Source Code). | | |
| Research Staff | Hong Kong Logistics Robotics Centre | May 2021 – Sept 2021 |
| <ul style="list-style-type: none">• Implemented C++ program to generate / transform data to speed up machine learning process. | | |

SELECTED PROJECTS

- **Mock GlassNode:** Developed a website application that can visualize real-time on-chain Cryptocurrency quotes using provided database. Source Code
- **Twitter-Clone App:** Developed a full-stack Twitter clone application which can work in Desktop/Mobile web browsers, with functionalities including tweeting, retweeting, liking/disliking, following, and commenting. Source code
- **Linux File System:** Implemented a simple file system adhering to ext3/4 attributes, capable of basic file read/write operations. Source code