

Issue Wang

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EDUCATION

Johns Hopkins University

Master of Finance, Financial Econometrics Track

Washington, D.C.

Expected, Dec 2025

University of Hong Kong

Bachelor of Engineering (BEng), Major in Computer Engineering

Hong Kong SAR, China

Jun 2024

- *Courses: Financial Technology, Computer Architecture, Investments & Portfolio Analysis, Algorithmic Game Theory, Data Structure & Algorithm, Computer Vision, Machine Learning*

WORK EXPERIENCE

University of Hong Kong, Business School

Resarch Assistant, Supervised by Dr. Shan Huang from faculty of Marketing

Hong Kong SAR, China

Oct 2023 – Jan 2024

- **Platform Experiment Design:** Studied the impact of GPT-assisted content creation in collaboration with a health influencer with over 10 million followers.
- **A/B Testing:** Coordinated the creation of over 40 short videos by the influencer, collected platform data post-TikTok release, and closely worked with operations to conduct hypothesis testing and measure effect size (Cohen's d).
- **Serial Data Analysis:** Created performance curves after Douyin ads, analyzing key performance indicators like completion rate, share rate, and like rate. Under Professor Huang Shan's guidance, used Bonferroni correction to control error rates and performed statistical regression analysis, supporting paper publication.

Hony Capital

Summer Investment Analyst

Hong Kong SAR, China

Jun 2023 – Sep 2023

- Hony Capital is a top private equity fund in Asia with \$13 billion in assets under management, with investments including ByteDance, WeWork China and OFO bikes.
- **Model Testing:** Deployed AI products like on-device LLM inference locally, tested demo performance of target companies, gathered user reviews from Product Hunt and Hugging Face, and evaluated product competitiveness.
- **Investment Due Diligence:** Assisted partners in initial screening of over 45 investment opportunities and conducted due diligence and financial modeling for over 10 projects in AI, blockchain, and consumer electronics. Participated in over 30 client meetings, meeting with CEOs, CTOs, and external experts, and prepared meeting ppts.
- **AI Industry Research:** Created investment analysis reports for projects in open-source LLM, AI Agent, and speech generation, preparing materials for IC meetings.

ByteDance

Product Intern, Pico Product Managing Office

Beijing, China

May 2022 – Jul 2022

- **VR/AR Hardware Research:** Focused on digital asset creation and motion capture, deeply researching head-mounted devices, and analyzing trends and opportunities.
- **Live Streaming User Research:** Summarized insights from over 20 expert interviews (upstream manufacturers, app developers, competitors' mid-level management) and conducted cold call surveys with over 50 live stream users, organizing over 10 interview transcripts and synthesizing key insights to address critical growth issues.
- **Cross-Department Coordination:** Coordinated with art, development, and marketing teams within the Product Management Office, monitored development progress, identified gaps with industry leader Meta.

RESEARCH & PROJECTS

Hardware Acceleration on High-Frequency Trading

Final Year Research Project, Supervised by Dr. Can Li from HKU

Hong Kong SAR, China

Aug 2022 – May 2023

- **Hardware Acceleration:** Investigated potential profit enhancements through customized hardware like FPGA and RRAM to reduce latency in high-frequency trading.
- **Strategy Writing & Data Collection:** Used financial open-source libraries like numpy and pandas_talib to write statistical arbitrage strategies, collected and cleaned tick-level high-frequency data (over 100,000 entries, with 10+ features) from crypto exchange APIs.
- **Quantitative Backtesting:** Developed a backtesting model and visualized the differences in return, Sharpe ratio (enhanced from 2.01 to 2.44), and maximum drawdown between strategies.

0xU Hong Kong BlockChain Club

Co-Founder & Dev

Hong Kong SAR, China

May 2022 – Now

- **Internal Fund:** Managed an event-driven L/S strategy, following hedge fund structure with trader voting, using personal funds (10k size) to trade on Binance, achieving a cumulative return rate of +21% from October 2023 to April 2024.
- **Stealth-Mode Product**
- **Event Planning:** Actively invited cryptoindustry practitioners for sharing sessions. Personally organized over 10 offline events, including a sub-venue at the Hong Kong Web3 Festival and Twitter Space events,.

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: C++, Python, PyTorch, front-end(React), Solidity

Interests: Texas Hold'em (play against pro), Hackathons, E-sports (lead a team to champion)