Jadon Ng Tsz Hei

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Sophomore in Quantitative Finance undertaking a second major in Computer Science, self-taught data scientist and motivated continuous learner with a deep passion in the fields of computer science, data science, mathematics, and finance who is actively seeking opportunities to learn and grow

Education

The University of Hong Kong   Hong Kong
BSc Quantitative Finance (CGPA: 4.06/4.3; Major GPA: 4.14/4.3)   *Sep 2022 - Current*
- Second major in Computer Science | Dean's Honours List 22-23
- Freshmen advisor for BSc Qfin program

La Salle College   Hong Kong
High School Diploma   *Sep 2016 - Jul 2022*
- HKDSE Best 6 - 36/42

Working Experience

Carnot Innovation Limited   Hong Kong
Data Science Intern   *Dec 2023 - Jan 2024*
- Tasked to learn Mlflow coupled with a wide range of MLOps tools and knowledge from scratch (eg. Docker, DVC, NGINX) to assist the team in learning and blending the framework into the company
- Wrote a Python script to automate data manipulation/extraction process for hundreds of Excel file
- Wrote 10 notebooks during the period and made a presentation with the notebooks to the team

Other Experience

HKU Trading Group   Hong Kong
Quant Portfolio Analyst   *Feb 2024 – Current*
- Completed a quant write-up with backtesting on pair trading strategy for over 8000 US Stocks

WorldQuant Brain   Remote
Research Consultant   *Nov 2023 - Current*
- Explored different types of data (fundamental, technical, sentiment) used for algorithmic trading
- Submitted 20+ profitable alpha (mathematical algorithm) across multiple competitions

Kaggle   Remote
Dataset & Notebook Expert   *Mar 2023 - Current*
- Participated in 4 different machine learning-based competitions demonstrating and practicing quantitative and analytical skills in solving different ML tasks (NLP, Time Series, Classifications)
- Completed 7 data scraping projects and 2 automated daily web scraping projects with Python

Reviewit   Remote
Data Scientist   *Aug 2023 - Nov 2023*
- Developed a rule-based NLP algorithm to categorize pre-defined reviews with sentimental analysis
- Communicated effectively with a small team of software engineers to connect the pipeline together

Skills

Languages: *(native)* Cantonese, *(proficient)* English, Mandarin, *(beginner)* Spanish
Programming Languages: *(proficient)* Python, SQL *(familiar)* C++, HTML, CSS, C, LUA
Web Scraping: BeautifulSoup, Selenium, Scrapy
Data Analytics & Visualization: Pandas, Numpy, Matplotlib, Tableau
Machine Learning: scikit-learn, Transformers, PyTorch
MLOps/DevOps: MLflow, DVC, Docker, Git, NSSM, NGINX
Others: Excel, Word, Powerpoint

Honors & Certifications

- WorldQuant International Quant Competition (Top 5%) | WorldQuant Alphathon (6th place)
- Kaggle Dataset Expert, Notebook Expert
- IBM Data Science Professional Certificate