Jadon Ng Tsz Hei

📞 (852) 6879 2133 ✉ jadonthng527@gmail.com 💼 linkedin.com/in/jadon-ng-848a48263/ 🐙 https://crxxom.github.io (Project-Portfolio)

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

EDUCATION

Bachelor of Science (BSc) in Quantitative Finance,   2022 - 2026
The University of Hong Kong
- CGPA - 4.03/4.3 **||** Major GPA – 4.13/4.3 **||** 2nd major in Computer Science **||** Dean's Honours List 22-23
- Freshmen advisor for BSc Qfin program **||** Mentee of 23-24 BSc(Qfin) Executive Mentorship Program

La Salle College   2016 - 2022
- HKDSE Best 6 - 36/42

WORKING EXPERIENCE

Data Science Intern   Dec 2023 - Present
Carnot Innovation Limited
- Learned a wide range of MLOps tools and knowledge from scratch (eg. MLflow, Docker, NGINX) and later assisted the team in learning and constructing the machine learning lifecycle with mlflow
- Assisted in constructing application installing packager with NSSM

OTHER EXPERIENCE

Research Consultant   Nov 2023 - Present
WorldQuant Brain
- Explored different datasets and studied multiple research papers to develop alphas (mathematical algorithms) to trade financial instruments on multiple universes

Participant
Kaggle
- Kaggle Dataset Expert & Notebook Expert (projects demonstrated in project portfolio)
- Actively participated in various competitions and community events to practice data analytical skills with Python and build different machine learning models (NLP, Time Series Regressions, Classifications) for different tasks

Data Scientist   Sep 2023 – Nov 2023
Reviewik
- Develop a rule-based NLP algorithm to categorize reviews with sentimental analysis
- Effectively communicate with a team of software engineers to connect the pipeline together

SKILLS

- **Languages**: Fluent in Cantonese (Native), English, and Mandarin
- **Programming languages** (decreasing order of confidence): Python, SQL, C++, HTML, CSS, C
- **Web scraping** with Python: BeautifulSoup, Selenium, Scrapy
- **Data analytics and visualization** with Python: pandas, Numpy, Matplotlib, Seaborn, Tableau
- **Data science and machine learning** with Python: scikit-learn, Transformers, PyTorch
- **MLOps/DevOps:** MLflow, Docker, NGINX, DVC, DagsHub, Git, NSSM
- **Administrative tools**: Excel, Word, PowerPoint

HONORS & CERTIFICATIONS

- WorldQuant Brain Alphathon (6th Place) **||** International Quant Competition (Top 1%)
- Kaggle Dataset Expert & Notebook Expert
- IBM Data Science Professional Certificate
- Harvard CS50: Introduction to Computer Science
- Bloomberg Market Concepts