

# Jadon Ng Tsz Hei

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## Education

**The University of Hong Kong** Hong Kong  
BSc Quantitative Finance (CGPA: 4.06/4.3; Major GPA: 4.14/4.3) Sep 2022 – July 2026 (Expected)  
• Second major in Computer Science | Dean's Honours List 22-23 | Qfin Freshmen Advisor

**La Salle College** Hong Kong  
High School Diploma Sep 2016 - Jul 2022

## 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 10 Jupyter notebooks and conducted a presentation using the notebooks to the team  
• Wrote a Python script to automate data manipulation/extraction process for hundreds of Excel file

## 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  
• Submitted 20+ profitable alpha (mathematical algorithm) across multiple competitions

**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

## Projects/Competitions (<https://crxxom.github.io>)

**IMC Prosperity 2 Trading Challenge** (concurrent)  
• Set up a Notion Page to track progress, tasks, and research material  
• Conducted research for strategies such as the Stoikov Model, Arbitrage, and Pair Trading Strategy

**Qube Research & Technologies ML Fullstack Challenge** (concurrent) [Link](#)  
• Construct a full stack machine learning framework on *DagsHub* with *MLflow*, *DVC*, *git*, and *Google Drive* as the backend for the QRT machine learning challenge

**Comprehensive Overview on NLP for Beginners - Kaggle** [Link](#)  
• Written a comprehensive and interactive notebook on Natural Language Processing (NLP) for educational purposes as part of my documentation process while self-learning NLP

**CS50 Final Project: OpenQuiz50** [Link](#)  
• Scripted a trivia website with *Django* with players can upload questions to the backend database with other players could attempt by choosing categories they are interested in

## Skills

**Languages:** (*proficient*) Python, SQL (*familiar*) C++, HTML, CSS, C, LUA  
**Misc. :** BeautifulSoup, Selenium, Scrapy, Pandas, Numpy, Matplotlib, sklearn, spaCy, NLTK, Transformers, MLflow, DVC, Docker, Git, Tableau, Excel

## Honors & Certifications

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