

Sean Chiang

Phone: +852 51872589 | Email: sean021453@gmail.com | Website: schiang.netlify.app | LinkedIn: linkedin.com/in/seanchianghk/

SKILLS

Computation: 1) Languages: Bash, C++, Python, R, SQL, VBA 2) Tools: Azure, Django and Flask, Docker, GCP, LaTeX, Linux (Arch, Ubuntu), MongoDB, MySQL, Rstudio, Selenium, TimeScaleDB, VMWare, Power BI

Finance: Bloomberg Terminal, Equity Research, Modelling, Portfolio and Risk Management, Quantitative Analysis, Stock Pitch

Language: Cantonese: Native, English: Fluent, Mandarin: Native Taiwanese

Interests: Music: 1st-desk violinist at Queen's College Orchestra, ATCL 2020 candidate; Mountains: Student Society Committee;

Fitness: 2nd runner-up in Strength Battle HK 2020; Volunteering: Lions Club, BYU Management Society and Fintech conference

EDUCATION

City University of Hong Kong - BSc Computational Finance and Financial Technology (Expected 2:1 honor) 01.2023 - Current

- Computational Finance Stream: Student Helper at Decision Analytics and Operations Department
- Related Courses: Business Statistics, Computer Programming, Data Analytics with Excel VBA, Derivatives and Risk Management, Econometrics, Financial Management (A), Programming in Python (A-), Security Analysis and Portfolio Management

WORK EXPERIENCE

Research Assistant - City University of Hong Kong, Hong Kong 09.2024 - 03.2025

- Assisted in quantitative research supporting TC forecasting operation for the Hong Kong Observatory, under Dr. Ivan Au Yeung.
- Conducted literature review; Neural ODE modelling using GPU-capable JAX based library; parameter tuning to optimize performance.

Data Analytics Intern - AXA Genereal Insurance Hong Kong Limited, Hong Kong 06.2024 - 12.2024

- Conducted API system integration for ETL pipelines, NLP feature engineering and modelling for lead generation and conversion.
- Led and 100% delivered 2 legacy code upgrade projects: ID library replication, BI Dashboard DAX convert to cloud Azure Python.

Quantitative Analyst Intern - Oakcean Capital Limited, London 07.2024 - 08.2024

- Conducted quantitative analysis on over 10 U.S. and European interest rate products across major derivatives exchanges.
- Developed comparative analysis between MongoDB and TimeScaleDB, identified optimal query method for financial data types.

Securities-dealer (SFC Type-1) - Oneplatform Asset Management Limited, Hong Kong 09.2022 - 08.2023

- Conducted U.S., China, New Energy and Green equity research with Bloomberg Terminal and compiled investment pitch materials.

Foreign Commercial Service Intern - U.S. Department of Commerce, Hong Kong 01.2022 - 06.2022

- Conducted market intelligence research on Fintech and Green Finance sectors to identify HK-U.S. investment matching trends, with 3 reports published on the International Trade Administration.

PROJECTS

Champion/ Merit - HK Open Data Hackathon 2025/ HKSTP Techathon+ 2025 - Wanderwise.AI 11.2024 - Current

- Serving as the statistical analyst and CFO of a Hiketech startup "Wanderwise.AI" (exhibitor at INNOEX 2025 and incubatee at HKSTP Ideation accelerator), developed academic-backed model for enhancing Hong Kong hiking communities' safetiness.

Quantitative Researcher - CityU Research and Investment Club 03.2024 - Current

- Authored "Interpretable Synthetic Data for Quantitative Finance: A Review and Case Study", successfully extended to academic paper to 2024 IEEE Big Data Conference Symposium, receiving positive feedbacks on the 'technicality' and 'innovativeness' of the research.

Finalist HK China Regional , World top 10.08% - International Quant Championship - WorldQuant 05.2024 - 08.2024

- Led the team in developing and presenting 3 alpha strategies enhancing trading performance, advancing to the global semi-final round among 4,304 teams worldwide, utilizing a diverse range of data including fundamentals, volatility, and trading volume.

Global 1st Runner-up - Point 72 x Fidelity x AIBC Asset Management Competition 2023 07.2023 - 08.2023

- Led in the data collection and quantitative modelling of a team of 4, incorporating sentiment analysis and XGBoost into forecasts and pitched on a stock to secure 1st runner-up amongst 300 shortlisted candidates from over 2000 global applicants.

INVOLVEMENTS

Asia Financial Manager - Asia YSA Conference 2024 - The Church of Jesus Christ of Latter-day Saints 04.2024 - 08.2024

- Supervised the Finance Committee in planning, budgeting and financial reporting for a 4-day conference with over 180 participants, collaborated across 10 domiciles in Asia; Managed the budget to remain within 80% of the available funds by the end of the event.

Chief Operating Officer - Decenpay Limited 12.2021 - 05.2023

- Secured HKD 200,000 from the HKSTP and HKTech300 funding as the co-founder of a Fintech start-up company.
- Managed sales and operational activities, stakeholder engagement, tax-filing procedures and legal instruments establishments to facilitate business expansion for the awarded project: dpAuth.