JIAYANG LIAO, SUSAN

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EDUCATION

The University of Hong Kong, *Bachelor of Arts and Science* — **2019 - 2024 (Expected)**
Major in Financial Technology & Computer Science (Program Rank 1st) — CGPA: 4.05/4.30
Awards: Dean's Honor's List, Young Tsun Dart Scholarship, Friends of HKU Scholarship, China Telecom
Scholarship, RCLee Hall Alumni Scholarships, Noel Chau Scholarship, Academic Prize in FinTech

Northwestern University, USA, *Exchange Program* — **Spring 2022**
Course Taken: Web Design, AI, Distributed System, Theory of Data and Decisions — CGPA: 4.0/4.0

Fudan University, China, *International Winter Campus* — **Winter 2021**
Course Taken: Econometrics, Quantitative Risk Management — CGPA: 4.0/4.0

INTERNSHIP AND PROJECT EXPERIENCE

Frontend Developer, *Half-time Research Internship* — **HKU-SCF FinTech Academy**
PI: Dr. Chow Kam Pui, Computer Science Department, HKU — **June 2022 - Present**

- Led development team of 3 for an e-wallet mobile application, supporting audibility and privacy protection.
- Responsible for entire frontend development and documentation of mobile application using React Native.
- Collaborated with backend developers and cryptography experts in protocol and function designs.
- Shortlisted by HKU Dean's Innovation Fund and conducted panel presentation for award assessment.

Analyst Programmer, *Full-time Placement* — **Hong Kong Monetary Authority**
FinTech Facilitation Office — **Sep 2021 - Feb 2022**

- Documented online platforms for cross-border settlement for 5 authorities and 23 retail banks globally.
- Supported technical analysis of 37 industry feedback on e-HKD Whitepaper, 1st retail e-money in HK
- Tracked global digital currency projects and coordinated regular updates to the Chief FinTech Officer.
- Supported on-site logistics for Financial Secretary of HKSAR and CEO of HKMA in HK FinTech Week2021.

Data Analyst, *Research Assistant* — **Department of Statistics, HKU**
PI: Prof. Jian-feng Yao, Statistics Department, HKU — **Sep 2020 - Dec 2020**

- Project Title: Binary Data Prediction for weather forecasting in Southern China.
- Conducted Exploratory Data Analysis(EDA) on 150,000 sets of meteorological data of 26 cities in 10 years.
- Devised data analysis model for binary responses and processed data virtualization in Python.

ACTIVITIES AND COMPETITIONS

Web 3 Carnival, HKUST 30th Anniversary, *Product Manager* — **HKUST**
Coordinator of Blockchain & NFT Team — **June - Nov 2022**

- Over 30 supporting parties, 50 speakers and 400 participants will join the 3 months online streaming.

FinTech80 Chengdu Hackathon, *Data Analyst* — **Chengdu Financial Holding Group**
5th Place (Innovator Award), HKU Team — **July 2021**

- Processed EDA, machine learning and data virtualization for credit rating on 500+ companies in Python.

Crypto Portfolio Challenge, *Data Analyst* — **Areix Analytics Limited**
2nd Best Model Accuracy Award — **April 2021**

- Created crypto portfolio with Sharpe=3.1 real-time scoring and accuracy>58%, return>304% in backtesting.

SKILLS AND INTERESTS

Languages   Mandarin (Native), English (Fluent), Cantonese (Basic)
Skills   Python, Web development (HTML, CSS, JS), React Native, C++, Java, Go, Solidity