

# Yanqi (Kiki) WANG

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Hong Kong

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## Education

### **Northwestern University (Dual Degree Program)**

*Master of Science in Social and Economic Policy*

• GPA: 3.83 / 4.00

**Evanston, US**

Mar. 2024

### **The Chinese University of Hong Kong (Dual Degree Program)**

*Master of Science in Applied Economics*

• Key Modules: *Econometric Analysis; Machine Learning; Game Theory & Decision Making*

**Hong Kong**

Mar. 2024

### **The Chinese University of Hong Kong, Shenzhen**

*Bachelor of Science in Business Administration (Economics)*

• Honors: 2018-2019 Dean's List; 2018-2022 Bowen Scholarships and Half Tuition Fee Scholarships

**Shenzhen, China**

July 2022

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## Internship Experiences

### **Huajin Securities**

*New IPO Stocks Analyst Intern*

**Shenzhen, China**

Feb. 2023 - May 2023

- Collected and assessed data of companies in fastest-growing industries such as semiconductors and healthcare; finished over 20 reports covering industrial market size, competitive landscape, and policy trends.
- Independently authored and published 18 initiating coverage reports, analyzing the target company's core business & strategies, financial performance, fundraising projects, and competitors' operational benchmarks.
- Monitored the performance of newly listed stocks in the Dragon Tiger List and produced regular reports on price fluctuations, turnover rates, and fund flows.

### **Shenzhen Custom Technology**

*Strategic Consultant Intern*

**Shenzhen, China**

May 2022 – Aug. 2022

- Conducted in-depth analysis of the entire e-commerce industry chain and checked feasibility of new projects from front-end sales (product type, traffic sources) to back-end supply chains (factories, logistics, and value-added services).
- Investigated trending topics on social media and launched new product commercials utilizing hot spots; increased the click-through rate by 85% and stimulated sales by 20%.
- Partnered with director to open and operate a new online store, and independently managed the IG account, generating a revenue boost of \$6000 and gaining over 500 IG followers within the first week.

### **China Construction Bank**

*Corporate Business Analyst Intern*

**Xi'an, China**

May 2020 – Aug. 2020

- Managed a listed firm's CNY 450 million loan integration project and assessed the risk by financial statement analysis, and cash flow projections, providing insights and recommendations through detailed reports.
- Collected data on subsidiaries of the target firm and developed financial models to conduct a competitive analysis.
- Assessed clients' mortgage risk and facilitated applications for derivative loans totaling 91 million in a single day.

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## Project Experiences

### **Relation between Social Media Sentiments and Chinese Stock Market Performance**

**Jan. 2024 – Mar. 2024**

- Conducted sentiment analysis using NLP techniques on textual social media data extracted via web crawling.
- Employed various machine learning algorithms in Python to forecast stock price trends based on the analyzed sentiment data and visualized the descriptive and predictive results.
- Drafted the proposal independently and submitted to 2024 APPAM International Conference.

### **Machine Learning Based Research on Medical Expenditure Prediction**

**Apr. 2022 – May 2022**

- Processed unstructured data from Oregon and employed Best Subset, PCA, and PLS to conduct linear model shrinkage.
- Trained non-linear and tree-based models such as Polynomial Regression, Spline Regression, and Boosting in R to estimate people's medical expenditure in Oregon and got 95/100 points.

### **Mutual Fund Performance and Investment Strategy Research**

**July 2021 – July 2021**

- Calculated, tracked and visualized 13-year mutual fund returns in a database extracted via SQL Server and Python.
- Analyzed mutual fund returns over 1, 3, and 5 years, reconstructed a portfolio, and made an investment strategy with returns 3 times greater than the original portfolio.

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## Skills

- **Computer Skills:** Proficient in MS Office, R, Python, Stata; familiar with sql, Git
- **Language:** Mandarin (Native), English (Professional)
- **Interests:** Cooking, Skateboard, Yoga, Climbing, Latin Dance