WU Yanjing

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EDUCATION

National University of Singapore (NUS)   **Aug 2021 – Jan 2023**
Master of Economics (Applied Economics)
- CAP: 4.5/5.0

Sun Yat-sen University (SYSU)   **Sep 2017 – Jun 2021**
Bachelor of Economics in Finance
- Scholarship: 3rd Prize SYSU Scholarship

TECHNICAL SKILLS

- Technical Skills: Python, SQL, Stata, Power BI
- Language: English (IELTS: 8.0, GMAT: 710), Mandarin (Native), Cantonese (Native)
- Core Competence: Quantitative Analysis, Economic Modelling, Data Science, Business Valuation

WORKING EXPERIENCE

Real Estate Analytics (8PROP)   **Sep 2022 – Now**
Economic Analyst in the data science team   Singapore
- Developed and implemented models combining econometrics and machine learning techniques for real estate data products and services provided to clients.
- Conducted extensive research to determine relevant macroeconomic, housing industry, and policy factors to be incorporated into predictive models. Successfully tackled challenges related to imbalanced datasets and overfitting, ensuring accurate and reliable model outcomes.
- Engineered, processed, and retrieved in-house data using SQL and Python, streamlining data retrieval processes. Analyzed and visualized large datasets to extract valuable market insights, aiding in strategic decision-making for the company.

Joyy Inc. (NASDAQ: YY)   **May 2021 - Jul 2021**
Strategy Intern   China
- Monitored the latest products and business models daily, identified potential risks and opportunities, and provided insights for strategic decision-making.
- Collected and interpreted quarterly operating data to track competitors related to SaaS, e-commerce, video or audio apps, and social networking apps. Reported on competitors' business modes, operating strategies, products, and user behaviours.

Securities Research Institute of Founder Securities Co., Ltd.   **Jan 2021 - May 2021**
Intern Equity Research Analyst   China
- Conducted qualitative and quantitative surveys on industries related to telehealth, Internet communities, e-commerce, etc. Identified needs of the market and main drivers of growth. Visualized market size, competition, and emerging market trends on an annually basis.
- Studied the operating performance of companies listed in Hong Kong and America (JD Health, Alibaba Group Holding, Pingduoduo Inc., etc.) for the last 3 years. Created and maintained financial, earnings and valuation models.
- Prepared external and internal reports and documents to communicate investment ideas, news events and opinions regarding security analysis on monthly basis.

RESEARCH & PROJECTS

International School of Business & Finance, Sun Yat-sen University   **Sep 2018 - May 2019**
Assistant Student Researcher
- Assisted the professor in researching and writing papers on the theme "Railways, Dialects, and Economic Growth"; collected and collated massive data, applied econometric and analytical software STATA for data processing and analysis
- Studied leading papers on economics; gave presentations on such topics as gender imbalances, marital nepotism, infrastructures, impacts of political favoritism on labour market, and urban economic development