

EDUCATION

University of California, San Diego, San Diego, CA

Sept 2020 - May 2024

Bachelor of Science in Joint Major Mathematics-Economics (Minor in Data Science)

GPA: 4.0/4.0

Relevant Coursework: Actuarial Mathematics, Applied Linear Algebra, Data Science, Microeconomics, Macroeconomics, Econometrics, Financial Accounting

TECHNICAL SKILLS

Microsoft Office	Web Design
Python	Quantitative Analysis
HTML	JavaScript

ACADEMIC PROJECTS

Money Supply and Housing Demands

- Reviewed the literature on the causal relationship between change in money supply and residential housing demands
- Collected the overall annual money supply in China, including the issuance of different loan products in both public and private sectors
- Utilized a lagged linear model to estimate the impact of changes in money supply on housing market sales
- Discussed potential policies for the stabilization of housing prices while ensuring compliance and enforceability

Exchange Rates and the Manufacturing Industry

- Performed explorative analysis on the Chinese manufacturing industry and the trade volumes with foreign countries
- Reviewed literature on the impact and the mechanisms for central banks to influence exchange rates
- Utilized a linear model to estimate the change in exchange rates and the volume produced from the manufacturing industry
- Discussed the significance of monetary policies and their role in revitalizing the manufacturing industry after the pandemic

WORK EXPERIENCE

China Universal Asset Management Co., Ltd., Beijing, China

June 2021 - Sept 2021

Quantitative Analyst Assistant

- Conducted policy research on the political sentiment and regulations regarding new energy vehicles in major economies, including China, the United States, and the EU
- Provided an in-depth of recent policy changes and trends and forecasted the short-term performance of major manufactures
- Retrieved and analyzed sales data of motor vehicles globally to provide forecast and valuation of companies and country-specific investment potentials
- Analyzed the technological and production barriers and identified multiple lithium battery producers as promising investment candidates
- Utilized WIND to monitor the performance of new-energy vehicle producers to offer reporting and strategic recommendations

CITIC Securities Co., Ltd., Ghangzhou, China

Aug 2020 - Nov 2020

Financial Manager Assistant

- Assisted the financial manager in administrative tasks, arranging meetings and consulting sessions with clients and partners
- Organized and managed customer data and conducted data analysis to identify trends in customer characteristics
- Participated in the due diligence report of Beijing Jiuqi Software by collecting and verifying financial documents and recording discrepancies
- Utilized quantitative models to create a cost-benefit analysis of multiple investment product options to assist with the expansionary plan to other branches

China International Capital Corp., Ltd., Shanghai, China

Jan 2019 - May 2019

Internship – Investment Banking Division (IBD)

- Assisted TRIP (HK9961) IPO, performed comprehensive travel industry research, extensive valuation, capital markets analysis, participated in creating semi-annual company report, provided concrete analysis in travel industry
- Assisted Baidu (HK9999) IPO, performed comprehensive computer industry research, development of cloud-computing, capital markets analysis, participated in creating semi-annual company report, provided concrete analysis in computer industry
- Drafted the company's IPO roadshow presentation, internal commitments committee memo and S-1 registration.