Jingyu Song

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EDUCATION

University of California San Diego   San Diego, CA

Master of Business Analytics   08/2021 - 12/2022

Core Courses: Data Science, Business Analytics, Customer Analytics, Experimentations

Technical Skills: R, Python, SQL, Tableau, Eviews, Microsoft Office Suite (Word, Excel, PowerPoint)

Xiamen University   Xiamen, China

Bachelor of Business Administration, Finance   08/2016 - 06/2020

GPA: 3.58/4.00; TOEFL: 106; GRE: 323

WORK EXPERIENCE

Peltast   New York, NY

Business Analyst Intern   10/2021 - Current

- Queried data from multiple data sources like Oracle, SQL server, and Hive, performed ETL and exploratory data analysis with SQL and Python, made interactive data visualization for marketing trends with Python
- Conducted analysis with Python to identify, analyze and classify the data labels for key business metrics
- Designed an analysis framework for customer data, built a classification model to predict customer retention

Bank of Changsha   Changsha, China

Risk Data Analyst   06/2020 - 08/2020

- Assessed the credit and financial strength of clients by performing fundamental credit analysis of counterparties using both quantitative and qualitative factors, analyzed key credit risk metrics for small business borrowers
- Compiled credit risk report based on independent assessment and judgement with due diligence of the client and industry knowledge to provide appropriate extensions of credit remaining within risk appetite
- Built data pipeline in R to process large customer data files with financial information of over 300 companies
- Assisted the credit officer in reviewing more than 50 loan applications and $10M lending with comprehensive data analysis reports, prepared long-term credit risk measurement and monitoring plan for the loan portfolio

Intellectual Asset Management   Xiamen, China

Investment Analyst   06/2018 - 08/2018

- Evaluated individual stocks in different industries through conducting comprehensive industry research, company research, earnings projections and comparable and DCF valuations for investment analysis
- Attended interim investor relationship conferences and earnings calls, inquired of management teams about company's current financial situation and future business strategies, composed 10-pages research memos
- Performed business due diligence investigations and authored one 50-pages report of Tgood Electric Corporation (300001.SZ), security of the stock pool through inspecting 5+ factories on field and expert opinions

ACADEMIC PROJECT

Cryptocurrencies Investment Strategy Analysis   San Diego, CA

Lead Analyst   08/2021 - 10/2021

- Used pytends and tweepy to acquire data from Google search index and tweets about cryptocurrencies, used CoinMarketCap's API to obtain top ten cryptocurrencies pricing data and their market value
- Extracted information about cryptocurrency based on Google search index and tweets, and analyzed the correlation between price and online social popularity to form an investment strategy with sentiment analysis
- Validated the investment strategy with the past five years transaction data, and achieved 30% return on investment above market average