Zhiyuan Zhou

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Summary

Data-driven professional with an interdisciplinary background in analysis, cross-functional collaboration, and industry research. Skilled in managing large datasets, conducting detailed analysis, and delivering high-quality reports.

Education

University of California, Los Angeles   Sep 2021 – June 2025
BA in Economics; BS in Statistics and Data Science

- **Coursework:** Math Modeling, Data Analysis and Regression, Introduction to Databases, Computational Statistics, Monte Carlo Methods, Economic Forecasting, Computation and Optimization, Advanced Econometrics, Social Problems and Social Change, Urban and Regional Economics, Theory of Economic Growth.
- **Dean's List:** 5 times in the Winter and Spring Quarters of 2022, Fall and Winter Quarters of 2022-2023, and the Spring Quarter of 2023

Experience

Projects Analyst Intern   *Beijing, China*
PICC Capital Insurance Asset Management   June 2024 – Aug 2024

- ***Analyzed Investments***: Conducted financial analyses for wind power and Hong Kong retail space projects, building models to assess cost, viability, and profitability in evolving market and regulatory environments.
- ***Reported Progress***: Developed comprehensive reports and presentations on project progress, utilizing trend analysis and forecasts with clear visualizations, thereby translating complex data into actionable insights for stakeholders.
- ***Developed Strategies***: Ensured investment alignment with ESG principles through in-depth environmental and economic analyses, supporting global sustainability goals.

Financial Analyst Intern   *Beijing, China*
Minsheng Wealth Management   June 2023 – Aug 2023

- ***Analyzed Product Portfolio***: Performed in-depth analysis of Minsheng Financial's product portfolio using Excel and Python, identifying trends in maturity, category, and scale to inform strategic recommendations.
- ***Reported Market Performance***: Compiled market performance reports and competitiveness analyses, integrating VaR-based risk assessments to support quarterly product reviews and business strategy.
- ***Automated data processing***: Used Matlab and Python to automate downloading, organizing, and classifying valuation tables from an FTP server, reducing manual effort while improving accuracy and data synchronization.

Projects

WeChat Chatbot for Conversational AI   *ChatBot_WeChat* ↗

- Built a Python-based WeChat chatbot integrating OpenAI's API and wxauto to enable real-time, AI-powered, and context-aware conversations.
- Designed and implemented context management and background processing for automated WeChat interactions.
- Optimized user engagement by delivering personalized responses, enhancing conversational flow and automation efficiency.

Skills

Programming: Python, MATLAB – Machine Learning, Automation, Web Scraping

Data Analysis & Visualization: R, SQL, Excel – Statistical Modeling, Data Cleaning and Management

Business & Productivity Software: Google Suite, MS Office

Soft Skills: Project Management, Team Coordination, Communication, Adaptability

Languages: Fluent in English & Mandarin