Kai Zhong

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EDUCATION

University of Michigan   **Ann Arbor, MI**
Master of Science in Quantitative Finance and Risk Management   08/2023 – 12/2024(Expected)
- **Relevant Courses**: Computational Finance, Applied Statistics, Statistical Models and Methods for Financial Data, Discrete State Stochastic Process, Advanced Financial Mathematics, Machine Learning

University of Washington   **Seattle, WA**
Bachelor of Science in Mathematics, Minor in Applied Mathematics   09/2019 - 06/2023
- **GPA**: 3.6/4
- **Relevant Courses**: Partial Differential Equations and Waves, Stochastic Process, Finite Markov Chains and Monte-Carlo Methods, Introduction to Neural Coding and Computation (Python), Data Science for Strategic Pricing (R)
- **Honors**: Dean's List (Autumn 2019, Spring 2020 to Spring 2021, Winter 2022)

WORK EXPERIENCE

Quant Researcher Intern| **Caitong Securities**   **Remote** | 09/2022 - 11/2022
- Performed high-level quantitative industry research for Chinese New Energy companies.
- Utilized exploratory data analysis to determine the stock price trend of a target company.
- Collected and organized historical prices over the past three years (2018-2021) from the WIND database.
- Determined the impact of different factors on the stock price by performing regression analysis using Machine Learning algorithms in R, including OLS, Random Forest, and XGBoost.

Business Development Intern | **Bank of Shaoxing(BSX***)*   **Remote** | 06/2022 - 08/2022
- Implemented KNN model and Cross Validation method to segment clients; the fine-tuned model achieved a 70.3% accuracy rate.
- Aggregated insights into clients' risk tolerance by analyzing their historical investment records, consulting with investment managers and communicating with the product team.
- Automated client risk-ranking generation by applying the GBM technique in Python.
- Documented clients' risk preferences to support product development and sales strategy improvement.

PROJECT EXPERIENCE

C21 Internship Bootcamp   07/2022 - 08/2022
- Analyzed and summarized the career destinations of thousands UW undergraduates over the past five years in collaboration with three peers.
- Organized online meetings each week.
- Kept having chatting with manager one to one to develop interview skills in interview scenarios.
- Reported project milestones to manager in weekly catch-up meetings.

Relationship Modeling-Love and Conflict: Two Model Comparison   01/2022 - 03/2022
- Defined multiple variables, including time and effort spent on social activities, levels of income, ability to save salary, and built an ODE (ordinary differential equations) system.
- Quantified the economic and social impact on the stability of couple relationships.

ADDITIONAL INFORMATION

Languages: Chinese (native), English (fluent), Japanese (basic)
Programming & Software: Python, R, SQL, MATLAB, LaTeX, Excel, Bloomberg