

YUEYIN JI

PORTFOLIO: YUEYIN-JI.COM

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EDUCATION

Simon Business School, University of Rochester

Master of Science in Business Analytics (A STEM-Certified Program)

- GPA: 3.87 / 4.0, Awards: Dean's List for Academic Excellence for the Fall Semester 2023, Member: Simon Women in Business Club

Central University of Finance and Economics (CUFE)

Bachelor of Economics in Finance and Technology Regulations

- Minister: Sports Department

Rochester, NY

Jul 2023 - Dec 2024

Beijing, China

Sep 2019 - Jul 2023

EXPERIENTIAL LEARNING

Tsinghua University

Research Assistant | Institute of Information Processing

- Skills: Machine Learning | Deep Learning | Neural Network | AI
- Utilized Scikit-learn to design and implement a back-propagation neural network model for forecasting the Indicative Optimized Portfolio Value (IOPV) of 25,397 fund data. Optimized an MLP regression model using GridSearchCV, achieving a 32.8% reduction in testing MS, demonstrating improvement in both model accuracy and generalization ability.
- Visualized the predictive performance of the model using Matplotlib, providing clear insights into the model's accuracy and effectiveness.
- Project Link: [neural network | Yueyin Ji \(yueyin-ji.com\)](#)

Beijing, China

Apr 2022 - Apr 2023

SQL-Based Employee Value Analysis Project

Project Leader

- Spearheaded the SQL project for an Employee Value Evaluation System, defining objectives and crafting a detailed plan, leading a team of 5 to execution and timely delivery based on my strategy.
- Developed and executed an original employee evaluation system based on unique criteria inspired by the RFM model. Skillfully pulled data from 8 tables, crafting 8 targeted queries in a data warehouse, contributing to enhanced operational efficiency.
- Leveraged Tableau to develop detailed heatmaps and bar charts, visualizing complex employee performance data across multiple departments.
- Project Link: [SQL | Yueyin Ji \(yueyin-ji.com\)](#)

Rochester, NY

Aug 2023 – Oct 2023

Revenue Strategy Analysis for GHR Competition

Analytics Competition Participant

- Cleansed and preprocessed a dataset of ~50,000 records using R and Excel, handling missing values, duplicates, and low-quality data to calculate key variables and combine datasets for analysis readiness.
- Collaborated with a 3-member strategy team to apply statistical methods such as regression, LEAPS, and MARS models, yielding enhanced predictive insights and data-driven recommendations informed business strategy and operations.
- Executed a comprehensive customer segmentation deploying cluster analysis, improving the precision of business recommendations. My submission, uniquely utilizing this method among 53 entries, was highlighted by the organizers as a benchmark example.

Rochester, NY

Dec 2023

PROFESSIONAL EXPERIENCE

China Merchants Securities

IPO Intern | Grand Consumption Department

- Skills: Financial analysis | Corporate finance | Excel
- Organized 12 outlines of dealer interviews to master the business process and the entire IPO project.
- Completed walk-through testing: sorted out sales data between the company and two major foreign customers Flinn and Corning from 2019 to 2022.
- Leveraged Pivot Table in Excel to summarize data of walk-through testing instead of traditional copy and paste method and increased efficiency of summarizing data by 50%, completed job 10 days ahead of schedule as a result.

Beijing, China

Jul 2022 - Sep 2022

COFCO Futures Co., Ltd

Intern | Institution Services Department

- Skills: Future market analysis | Reporting | Professional Communication
- Engaged in developing 3 category asset management models based on macro indexes.
- Organized 26 weekly reports, 4 strategy reports, 17 marketing focus reports, and 6 special topic reports.
- Authored the 'Developing Financial Futures Business' report, optimizing commodities risk management mechanisms, and facilitated two roadshows presented to an audience of over 50 participants.

Beijing, China

Jul 2021 - Sep 2021

SKILLS

- Programming: Python | see: [Python | Yueyin Ji \(yueyin-ji.com\)](#), R
- Deep Learning: TensorFlow
- Data Management: SQL | see: [SQL | Yueyin Ji \(yueyin-ji.com\)](#), NumPy, Pandas, EXCEL, SPSS, EVIEWS
- Data Visualization: Tableau, Python(NumPy, Seaborn), Pandas, Matplotlib | see: [Numpy&Pandas | Yueyin Ji \(yueyin-ji.com\)](#)
- Problem-Solving: see: [Business Analysis Case | Yueyin Ji \(yueyin-ji.com\)](#)