Ruiying Liu

Boston, MA | 865-274-6807 | ruiyingliu666@gmail.com | https://www.linkedin.com/in/ruiying-liu-5258a52a1/

EDUCATION

Brandeis International Business School   **Waltham, MA**
Candidate for Master of Science in Business Analytics (STEM-Designated)   01/2024 - 05/2025
Relevant Coursework: Visualization, Python and its Application to Business Analytics, Data Analytics, Econometrics

University of Tennessee, Knoxville   **Waltham, MA**
Bachelor of Science in Business Analytics (STEM-Designated) - GPA: 3.56   08/2018 - 12/2024
Relevant Coursework: Applied Mathematics, Probability, Marketing, Business Analytics

TECHNICAL SKILLS

Programming Languages: Python, SQL, R
Computer Software: Advanced Microsoft Excel, Tableau, Power BI
Analytics: Data Visualization, Predictive Modeling, Marketing Analytics, Data Mining

WORK EXPERIENCE

Bank of Ningbo   **Beijing, China**
Business Analyst Intern   06/2023 - 08/2023
- Assisted in filling credit reports and communicating with businesses, contributing to approving over $ 1 million in loans for SMEs.
- Collected and filed a list of 160 small and medium-sized precision technology enterprises, leading to the identification of 20 high-potential firms for further financial support.
- Conducted financial analysis and future market value analysis, predicting an 8% increase in sector growth over the next 5 years. Gained insights into digitalization strategies in banking and contributed to the implementation of new processes that improved efficiency in international trade finance by 10%.

HP Venture   **Palo Alto, CA (Remote)**
Business Analyst Intern   06/2022 - 08/2022
- Conducted valuation analysis of 100 start-up companies involved in hybrid work platform development Conducted valuation analysis on 100 start-up companies, identifying 10 high-growth firms that had the potential to raise over 3 million dollar in funding.
- Screened companies and collected data from CrunchBase and LinkedIn, improving the efficiency of the analysis pipeline by 20%.
- Applied R to analyze startup metrics and clean data, which resulted in the identification of key trends in hybrid work platforms, predicting a 25% increase in demand by 2025.
- Utilized SQL to aggregate and analyze data, enabling the company to track a 15% growth trend in the tech sector and generate actionable insights for future investments.
- Developed data visualizations using Tableau and Access, resulting in a 30% improvement in decision-making speed for stakeholders.

06/2022 - 08/2022

ACADEMIC PROJECT

University of Tennessee, Knoxville   **Knoxville, TN**
Database System Management of Hawkins University Fitness and Athletics Center   01/2023 - 05/2023
- Led a 3-member group a in creating a database using SQL to hold relevant personnel's data at the Center
- Managed task allocation, meeting arrangements, and project progress coordination for the entire team

ACTIVITIES/SKILLS

Activities: The University of Tennessee CSSA (Publicity Department Head, Fall 2019 & Spring 2020)
Languages: Chinese Mandarin (Native), English (Intermediate), and Japanese (Beginner)