

EDUCATION

Master of Science in Business Analytics, Rady School of Management
University of California, San Diego, CA | Cumulative GPA: 3.61

Expect 12/2025

Bachelor of Science in Applied Mathematics and Statistics
Bachelor of Arts in Psychology
Stony Brook University | Cumulative GPA: 3.86

12/2023

- Honors/Awards: Dean's List (7/7 semesters), Women in Science and Engineering (WISE) Honors Program.

SPECIALIZED SKILLS

Languages/Coding: Python, SQL (Advanced), ETL, R, MATLAB
Tools: SPSS, Excel (Advanced), Visual Studio Code, GitHub
Spoken Languages: English (Fluent), Mandarin Chinese (Native)

EXPERIENCE

Data Analyst Intern | A Round Entertainment | Remote, USA

09/2024 - 12/2024

- Collected and cleaned datasets from 1,000+ users, uncovering key user characteristics to inform app development and enhance user experience directly.
- Analyzed 10+ job-search apps, evaluating features, user experiences, and pricing to identify actionable insights and competitive advantages.
- Refined PRDs and PRFAQs with cross-functional teams, integrating user feedback and market research to align with dynamic requirements.

Data Analyst Intern | Beijing Turing New Intelligence Technology Company | Beijing, China

02/2024 - 06/2024

- Applied Python and SPSS for data analysis to enhance data understanding and support informed decision-making.
- Designed surveys to direct market research in a specific industry and performed 100+ data visualization analyses.
- Managed company social media, sharing 100+ statistics content through case studies and hands-on examples.

Research Assistant | Quantitative Finance Lab | New York, USA

06/2023 - 08/2023

- Utilized C++ in Linux system to implement algorithmic trading strategies, analyzing mathematical factors influencing stock movements and assessed short-term market probabilities.
- Developed and optimized financial models by analyzing historical data through momentum and potential strategies, achieving an 84% return rate in back-testing simulations.
- Conducted thorough literature reviews, extracting actionable insights from over 30 research papers.

Teaching Assistant | Department of Applied Mathematics, Stony Brook University | New York, USA

01/2023 - 12/2023

- Evaluated homework for over 100 students, contributing detailed feedback to promote deeper understanding and improved academic performance.
- Clarified students' questions via email and directed a total of 150 hours of office hours to support students' comprehension of curriculum.
- Supervised exam sessions, ensuring compliance with examination protocols and academic integrity.

PROJECTS

ETL Project: Analyzing Purchase Order Based on Weather Data | University of California, San Diego

08/2024

- Extracted data from CSV files, Excel sheets, and APIs, then cleaned and standardized it using Python for consistency and accuracy.
- Developed SQL queries in Snowflake to join datasets, calculate discrepancies between purchase orders and invoices, and assess the impact of weather conditions.
- Optimized ETL pipeline performance in Snowflake for efficient processing of large datasets and complex transformations.

Analyze Factors that Influence Consumer Purchasing Decisions | Stony Brook University

09/2023 - 12/2023

- Designed a comprehensive survey questionnaire aligned with research goals, targeting key consumer behavior factors, and collected over 300 responses.
- Executed advanced data processing and analysis using SPSS, including descriptive statistics and multiple regression analysis.
- Identified key customer preferences through in-depth data analysis and delivered comprehensive reports.