ALEXA GAMBLE

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EDUCATION

Master of Science in Business Analytics   06/2025
University of California, San Diego, CA
Relevant Coursework: AI Assisted Programming & Math, Customer Analytics, Business Analytics, Analyzing Unstructured Data, Supply Chain Analytics, Business Intelligence Systems, Data Driven Communications.

Bachelor of Science, Applied Mathematics - Minor in Business   06/2024
University of California, San Diego, CA
Relevant Coursework: Probability, Stochastic Processes, Dynamical Systems, Mathematical Statistics, Real Analysis, Applied Linear Algebra, Discrete Math & Graph Theory, Enumerative Combinatorics.

EXPERIENCE

Finance & Procurement Intern, Little Spoon, New York, NY   07/2023 - 09/2023
- Built an internal ERP system using Excel for inventory tracking and consumption forecasting. It organized 500+ ingredient and packaging specs across 6 different platforms, equating to about $10 million worth of inventory.
- Analyzed current demand and supply to model the Q4 2023 consumption schedule. Little Spoon was able to purchase more cost effective ingredients, saving about $200K annually.
- Organized expiring inventory by connecting with 50+ suppliers on product specs, to ensure timely usage and avoid excessive write offs or regulatory issues.

Data Analyst Intern, Vacuum Engineering & Materials, Santa Clara, CA   07/2022 - 06/2023
- Analyzed over 1,000 financial records, including P&L statements and balance sheets, and integrated it into Sage X3. Leveraged data-driven insights to improve financial management.
- Utilized VEM's ERP to address missing information and perform data cleansing, generating detailed reports of findings.
- Enhanced sales force efficiency by employing data interpretation techniques and cross-referencing with software, ensuring 95% accuracy.

PROJECTS

Snowflake SQL & Python Project, UCSD   08/2024
- Collaborated with three classmates to develop a virtual warehouse, design a database schema, create tables, and insert large datasets into Snowflake.
- Executed SQL statements in Python and transmitted to Snowflake for data extraction, loading, and modification.

Analyzing Movie Industry Trends and Success Factors, UCSD   10/2024 - 12/2024
- Utilize Python for data analysis on over 930K movies to explore key factors influencing box office success, such as budget, revenue, genre, and release date.
- Conduct exploratory data analysis and developed regression models to investigate correlations between budget and revenue, genre preferences over decades, and seasonal trends in movie performance.
- Create an interactive Power BI dashboard to visualize findings and insights, enabling detailed exploration of genre-specific revenue patterns and director success rates.

SPECIALIZED SKILLS

- **Technical/Operating Systems:** Python, SQL, ETL, R, MATLAB, Tableau, Power BI, PostgreSQL, SQLite Studio, Visual Studio Code, Microsoft Suite: Excel (Advanced), Powerpoint, Outlook, Word.
- **Personal:** Critical Thinking, Problem Solving, Collaboration & Teamwork, Written & Verbal Communication.

PROFESSIONAL AFFILIATIONS & LEADERSHIP

- **Member:** Rady Data Anayltics Club, Rady Consulting Club.
- **Leader:** Alpha Phi, UCSD - Vice President of Finance & Housing (01/2022 - 12/2023).
- **Volunteer:** National Charity League - every year was awarded the Yellow Rosebud Award (50+ annual volunteer hours) (09/2014 - 06/2020).