

Work Experience

**FINANCIAL ANALYST** – Shama’s Childcare Services– Bethpage, NY March 2022 – April 2024

- Created and managed complex financial reports utilizing Microsoft Excel functions, including pivot tables, and data validation, resulting in a notable 12% improvement in operational efficiency.
- Implemented a tailored Customer Relationship Management (CRM) system for childcare operations using Microsoft Excel. This system tracked child enrollment, parent communications, and staff scheduling, while also analyzing parent interactions and child behavior.
- Conducted statistical analysis on parent feedback surveys to identify areas for improvement, leading to the implementation of parent education workshops and engagement activities tailored to meet the needs of over 10 families.

Skills

- |                            |                   |                         |                        |
|----------------------------|-------------------|-------------------------|------------------------|
| • Microsoft Power BI       | • SQL             | • Quantitative Analysis | • Data Cleaning        |
| • Tableau                  | • Microsoft Excel | • Project Management    | • Data Mining          |
| • R (Programming Language) | • Python          | • Data Visualization    | • Statistical Analysis |

Certification

**GOOGLE DATA ANALYTICS CERTIFICATION** - Issued by Google/Coursera May 2024

Education

**BACHELOR OF SCIENCE IN MANAGEMENT INFORMATION SYSTEMS** – SUNY College at Old Westbury  
September 2019 - May 2023  
Old Westbury, NY  
Coursework: Systems Design, Data Mining, Data Analytics, Database Management Systems, and Information Systems,

Academic Projects

**DATA ANALYSIS AND IMPLEMENTATION** – Capstone Project – Old Westbury, NY January 2023 - May 2023

- Designed and implemented a database schema and interactive dashboard for TasteForge, enabling real-time recipe creations which resulted in over twenty new recipes being created by users.
- Expertly integrated the SQL database with the website's front-end, employing PHP to improve data retrieval efficiency by 20%.
- Employed data mining techniques such as clustering and classification to analyze user interaction data, unveiling patterns and preferences, which led to a 15% increase in user engagement.

**STUDENT ENGAGEMENT OPTIMIZATION** – Internship Project – Old Westbury, NY March 2023 - April 2023

- Analyzed 100+ data entries, performed rigorous data cleansing, and identified correlations between academic performance, student engagement, and extracurricular involvement.
- Presented interactive data visualizations and data-driven insights to the Honors College board using Tableau.
- Utilized Microsoft Power BI to visualize strategies aimed at optimizing student involvement and satisfaction, leading to 20 additional students participating and engaging in Honors College events.