Monique Sierra

lrsierra03@gmail.com | San Antonio, Texas

EDUCATION

Texas Lutheran University, Seguin— *Honors Graduate*   AUGUST 2018 - AUGUST 2022

• Master of Science Data Analytics, 3.83 GPA
• Bachelor of Business Admin. with Marketing focus, Minor in Social Entrepreneurship

EXPERIENCE

UT Health, San Antonio — Analyst – Data Science   JANUARY 2024- PRESENT

• Manipulates and synthesizes data models to answer questions and create recommendations resulting in actionable strategies using SQL, PowerBI, and Excel
• Wrangles numerous data sources, including internal, state and third-party data sets, ensuring data quality, efficiency, and cohesion
• Started implementation and testing of Python ARIMA model for statistical forecasting

UT Health, San Antonio —Clinical Reporting Analyst   DECEMBER 2022 - JANUARY 2024

• Provided support for perioperative initiatives through analysis of clinical data
• Helped streamline time and leave reporting process from excel to an app
• Utilized Excel M Language, Power BI, and R-Studio

Frost Bank, San Antonio — *Marketing Intern*   JUNE 2022 - JULY 2022
Texas Lutheran University, Seguin — *Residential Assistant*   AUGUST 2019 - MAY 2022
Lake Industries, Henderson, NV — *Operations Intern*   MAY 2021 - JULY 2021
Epilepsy Foundation Central & South Texas, San Antonio — *Intern*   JUNE 2020 - JULY 2020

SKILLS/EXTRAS

Intermediate Skills — *Python, R, Power BI, SQL, Statistical Analysis*

• Experience in R focused on data cleaning and analysis, with projects including decision trees, Bayesian statistics, and KNN
• Foundational python skills developed for database design with emphasis on financial analysis/forecasting
• Minitab utilized for statistical analysis such as t-tests and ANOVA

Experienced— *Microsoft Suite, PowerBI, Tableau, Public Speaking*

• Proficient in writing queries for SQL and database normalization
• Frequent usage of Microsoft products such as Excel M Language and PowerBI DAX

UTSA 2024 Datathon **Advanced Track Winner** — *"Pesticide Use to Butterfly Migration"*

Python for Data Science eCornell Certificate