# JOANNA RASHID

#### **EXPERIENCE**

## Business Data Analyst

#### C & M Surgical Guides

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- Contract role: interpreting and analyzing complex revenue data to drive business strategy
- ETL: SQL queries in Delphi/NexusDB, data cleaning, statistical analysis, and geocoding (SQL, Python)
- Analytics: Create revenue analysis dashboard with live database connection for ongoing stakeholder use (Tableau)
- Machine Learning: Developed location optimization model which optimizes for revenues on client data (Python)
- Application: Delivered interactive location optimization model (Python, Java, HTML)

## Research Intern - Capstone Project

## Georgia Institute of Technology in cooperation with GE Vernova

- **=** 05/2023 08/2023 **■** Remote (Boston, Massachusetts)
- Analyzing Atmospheric CO2 and Socioeconomic Vulnerability ETL: Complex spatial joins of rasterized remote sensing data and tabular economic data (Python, GoogleCloud)
- Machine Learning: Used various cluster analysis techniques to explore the relationship between various socio-economic indices and CO<sub>2</sub> emissions (DBSCAN, K-Means, ensemble methods)
- Application: Delivered results in an interactive application using (Python, Java, HTML, Ploty, Dash, and Streamlit)

#### **EDUCATION**

## Master of Science of Data Analytics

## Georgia Institute of Technology

**=** 09/2023

· Interdisciplinary data science and analytics program with coursework in the Colleges of Computing, Business, and Engineering

## Bachelor of Science of Economics

## San Jose State University

**=** 05/2021

- · Minor in Applied Computing
- · Graduated with Economics Departmental Honors
- Extensive course work in the life sciences

#### **CERTIFICATION**

### Machine Learning for Data Science

SJSU Graduate School of Business, October 2020

## Spatial Data Science

ESRI, April 2020

#### VOLUNTEERING

## **Board Member**

San Francisco Autism Society

**=** 2021 - 2023

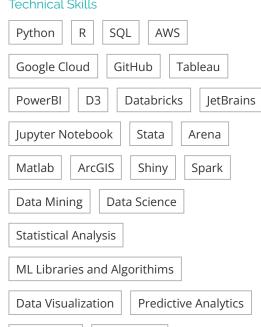
Active board member and volunteer educational video content production

#### **SUMMARY**

Data Scientist specializing in technical data analysis and visualization, statistical modeling, and machine learning. Skilled in utilizing programming languages such as Python, SQL, and R. Demonstrated strong problem solving skills and expertise in transforming raw data into actionable insights.

#### **SKILLS**

#### Technical Skills



#### **LANGUAGES**

Simulation

**Business Analytics** 

English Native •• Spanish A2 Intermediate ••••

A/B Testing

## **PASSIONS**

Family, Music, Ski, Hike, Paddle

Lifelong learner! Don't get me started on the following topics: humans and technology, AGI, dark matter, epigenetics, generational historical theory, narrative economics, uncontacted tribes, decision science