

JOANNA RASHID

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EXPERIENCE

Business Data Analyst

C & M Surgical Guides

📅 10/2023 - 12/2023 📍 Remote (San Francisco, California)

- 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)

- ETL: Analyzing atmospheric CO2 and socioeconomic vulnerability, complex spatial joins of rasterized remote sensing data and tabular economic data (Python, Google Cloud)
- Machine Learning: Used various cluster analysis techniques to explore the relationship between various socioeconomic indices and CO2 emissions (DBSCAN, K-Means, ensemble methods)
- Application: Delivered results in an interactive application using (Python, Java, HTML, Plotly, 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
- Coursework included advanced mathematics, statistics, object oriented programming, predictive modeling, machine learning, business analytics

Bachelor of Science of Economics

San Jose State University

📅 05/2021

- Emphasis in Econometrics
- 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

Python

R

SQL

AWS

Google Cloud

GitHub

Tableau

PowerBI

D3

Databricks

JetBrains

Jupyter Notebook

Stata

Arena

Matlab

ArcGIS

Shiny

Spark

Data Mining

Data Science

Statistical Analysis

ML Libraries and Algorithms

Data Manipulation

Data Visualization

Predictive Analytics

Simulation

A/B Testing

Business Analytics

ETL

PASSIONS



Family, Music, Ski, Hike, Paddle



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