JOANNA RASHID

650 224-8468 • joannakrashid@gmail.com • joannarashid.github.io/portfolio/ • linkedin.com/in/joannarashid/ • Palo Alto, California

Summary

Data scientist / data analyst specializing in technical data analysis and visualization, statistical modeling, and machine learning. Recent master of science in data analytics graduate. 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. Experienced manager with strong communication, project management, team leadership, and client service skills. Can climb a new tech stack quickly, get things done, and wear many hats.

Skills

Skills:

Python • R   • SQL • AWS • Google Cloud • Google Analytics • GitHub • Git   • Tableau • Power BI • D3 • Databricks • Cloud Computing • Snowflake • JetBrains • Jupyter Notebook • Stata • Arena • Matlab • ArcGIS • Shiny • Spark • Data Mining • Data Science • Statistical Analysis • ML Libraries and Algorithms • Natural Language Processing • Open Source • Data Manipulation • Data Visualization • Predictive Analytics • Simulation • A/B Testing • Business Analytics • ETL • Business Intelligence • Excel • CRM • SFDC • Salesforce • Looker • SaaS • Project Management • Client Management • Market Segmentation • Financial Analysis • Customer Service • Market Analysis • Team Leadership • PACS • Cone Beam CT • Computer Guided Surgery • Stereolithography • 3D printing • CAD • Volumetric Imaging

Experience

C & M Surgical Guides
Remote (San Francisco, California)
Business Data Analyst
10/2023 - 12/2023

Contract Project

- Interpreting and analyzing complex revenue data to drive business strategy
- ETL: Legacy SQL database (Delphi/NexusDB), data cleaning, statistical analysis, and geocoding (SQL, Python)
- Analytics: Created revenue analysis dashboard with live database connection for ongoing client use (Tableau)
- Machine Learning: Developed a location optimization model which maximizes predicted revenue and minimizes physical locations (Python)
- Insights: Delivered a location reduction model results presentation and dashboard. Model results for location restructuring will result in an 8% profit margin increase (Python, Tableau)

Georgia Institute of Technology in cooperation with Vernova
Remote (Boston, Massachusetts)
Research Intern
05/2023 - 08/2023

Master's program capstone project focused on green energy technology research

- ETL: Mining and annotation of data from various academic and government institutions, complex spatial joins of rasterized remote sensing data and tabular data, resulting in an internally published data set for use by other research teams (Python, Google Cloud)
- Machine Learning: Used various cluster analysis techniques to explore the relationship between CO_2 emissions and other variables (DBSCAN, K-Means, ensemble methods)
- Application: Delivered results by creating an application (Python, Java, HTML, Ploty, Dash, and Streamlit)

C-Dental X-Ray, Inc.
San Francisco, California
Operations Manager (5 years) and Clinical Technical Support Manager (3 years)

Outpatient maxillofacial radiology laboratory

- Managed day-to-day operations and HR for 40 employees, 14 locations, 10 direct reports
- Supported approximately 300 referring physicians with data integration and literacy of volumetric imaging (CBCT) and digital radiographs
- Client management and technical training of physicians performing virtual surgery planning resulting in 3D printed surgical guides
- Annotating anatomical structures on CBCT scans
- Designing data pipelines and procedures

Education

Georgia Institute of Technology
Master of Science of Data Analytics
12/2023

- 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, data mining, business analytics

San Jose State University
Bachelor of Science of Economics
05/2021

- Emphasis in Econometrics, graduated with Economics Departmental Honors
- Minor in Applied Computing for Social Sciences
- Extensive course work in the life sciences included microbiology, human biology, human anatomy, organic chemistry, nutrition, biochemistry)

Certification

Machine Learning for Data Science — SJSU Graduate School of Business, 2021

Spatial Data Science — ESRI, 2020

SQL Intermediate, Python Basic — HackerRank, 2024