

Manaar Salama

mgasalama@gmail.com | (209) 938-8519 | linkedin.com/in/mgasalama | mgsalama.github.io

U.S. Citizen | she/her/hers

SUMMARY

Data Science Senior graduating May 2024. 3+ years of experience using Python and its relevant data science packages, SQL, and R from on-campus job and personal projects. Utilized CRM analytics platform and implemented effective BI dashboards during Scenthound internship. Seeking full-time data analyst position to start after graduation.

EDUCATION

University of California, Berkeley

May 2024

B.A. in Data Science, with specialization in Economics. Minor in Chinese.

GPA: 3.68 / 4.00

Coursework: Data Mining and Analytics; Econometrics; Principles & Techniques of Data Science; Data Structures

TECHNICAL SKILLS

Python (pandas, Plotly, Keras, scikit-learn), Java, SQL (MySQL, PostgreSQL), MongoDB, R, HTML, Tableau, PowerBI, Jupyter Notebooks, Snowflake, AWS, Jira, GitHub, Excel / Google Sheets (VLOOKUP, PivotTables, INDEX/MATCH)

EXPERIENCE

Jupyter Notebook Developer

January 2022 - Present

UC Berkeley's Division of Computing, Data Science, and Society

Berkeley, CA

- Develop Jupyter Notebook data science and machine learning projects as a student employee for 8+ courses
- Lead 6 teams of 3-4 students to write 15+ module notebooks in Python, SQL, and R to date
- Work alongside professors and supervisors to devise pedagogical plans for incorporating data science concepts

Data Science Intern

June 2023 - August 2023

Scenthound

Jupiter, FL (Remote)

- Created the company's first PowerBI dashboards for aggregation and visualization of data on dog health records
- Wrote SQL queries to backfill missing information from 30,000+ rows regarding appointments and sales insights
- Designed 3 reports with Zoho Analytics CRM for exploring sales, resulting in 100+ transactions of interest

Machine Learning Committee Co-Chair

August 2022 - December 2022

Women in Computing and Data Science at UC Berkeley

Berkeley, CA

- Co-taught 14 female-identifying students introductory concepts of machine learning with Python packages
- Advised students in creating first machine learning projects that were presented at a club-wide showcase
- Collaborated with a team of 10 officers to hold professional and social events for 30+ club members

Academic Intern

January 2021 - December 2022

Computer Science 10 (Beauty and Joy of Computing) at UC Berkeley

Berkeley, CA

- Facilitated labs of 30+ students with TAs by teaching introductory coding concepts in Python for lab assignments
 - Developed 3 chapters of course's online textbook and coding examples in a smaller group of staff members
 - Supervised 4+ teams of students in completing projects by fixing Python and Jupyter Notebook related issues
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PROJECTS & CERTIFICATIONS

Canadian Wind Turbine Analysis: Built Jupyter Notebook using pandas and Plotly for cleaning and analyzing data on wind energy. Designed 4+ Tableau visualizations and a dashboard with cleaned data to present actionable next steps for development in production and efficiency of wind turbines in Canada to an audience of simulated stakeholders.

Hierarchical, Linear, and Nonparametric Modeling: Formulated hierarchical and ML models to generate accurate cardiovascular disease prediction and robust mortality rate estimation with Python's PyMC and scikit-learn.

Certifications: Google Analytics 4