

# Manaar Salama

mgsalama@gmail.com | (209) 938-8519 | linkedin.com/in/mgsalama | mgsalama.github.io  
U.S. Citizen | she/her/hers

## SUMMARY

---

Data Science new grad. 2+ years of academic work and internship experience using Python and relevant packages, SQL, and R developing data science projects for on-campus job and projects. Managed relational database with AWS and implemented effective business intelligence dashboards at Scenthound internship. Seeking full-time data analyst position.

## EDUCATION

---

**University of California, Berkeley** May 2024  
Bachelor of Arts (B.A.) in Data Science, with specialization in Economics. Minor in Chinese. GPA: 3.70 / 4.00

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

## SKILLS & CERTIFICATIONS

---

**Programming Languages:** Python (NumPy, pandas, Plotly, scikit-learn, PyTorch), Java, SQL, R, MongoDB

**Tools / Software:** Tableau, PowerBI, Snowflake, Jira, Confluence, Excel / Google Sheets (VLOOKUP, PivotTables, etc.)

**Certifications:** Google Analytics 4

## EXPERIENCE

---

**Data Science Undergraduate Studies at UC Berkeley** **January 2022 – May 2024**  
*Jupyter Notebook Development Team Lead* *Berkeley, CA*

- Lead cross-functional teams of students in collaboratively developing 15+ data science projects with Python, SQL, and R in a Jupyter Notebook environment for over 8 courses within different academic disciplines
- Maintain the organization and documentation of 5+ GitHub repositories, facilitating smooth version control for educational resources and project collaboration among professors of varying technical backgrounds
- Oversee development of notebooks for innovative data science course, to be incorporated at 3+ institutions

**Scenthound** **June 2023 - August 2023**  
*Data Science Intern* *Jupiter, FL (Remote)*

- Pioneered the creation of the company's first PowerBI dashboards, leveraging visualization techniques to present data on health metrics and KPIs that allowed for informed decision-making and product-related business strategy
- Demonstrated expertise in SQL by writing queries to fill in data among 30,000+ rows within relational database
- Created and implemented 3 reports utilizing Zoho Analytics CRM, facilitating in-depth exploration of sales database and identification of 100+ transactions of interest, contributing to revenue optimization strategies

**Women in Computing and Data Science at UC Berkeley** **August 2022 - December 2022**  
*Machine Learning Committee Co-Chair* *Berkeley, CA*

- Designed and delivered engaging lectures with MS PowerPoint to teach machine learning concepts using Python
- Mentored 15 students in conceptualizing machine learning and analytical research projects, which were subsequently showcased at a club-wide event, enhancing members' practical skills and confidence
- Collaborated with a team of 10 officers to organize professional and social events, providing networking opportunities and knowledge exchange within a vibrant community for over 30 club members

## PROJECTS

---

**Canadian Wind Turbine Analysis:** Built Jupyter Notebook using pandas and Plotly for analyzing datasets on wind energy. Assembled 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 Modeling, GLMS, and Nonparametric Modeling:** Formulated Bayesian hierarchical and machine learning predictive models to generate robust mortality rate estimation and cardiovascular disease predictions with over 75% accuracy using Python's PyMC, scikit-learn, and statsmodels packages.