

Manaar Salama

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EDUCATION

University of California, Berkeley

Expected Graduation: May 2024

GPA: 3.65 / 4.00

Senior majoring in Data Science with specialization in Economics, minoring in Chinese.

EXPERIENCE

Modules Developer for Data Science Undergraduate Studies at UC Berkeley

January 2022 - Present

- Develop homework assignments in the form of Jupyter Notebooks as a student volunteer for 3+ courses of varying topics at UC Berkeley, including ethics, global studies, and data science.
- Collaborate with a team of 3-4 students to create 6 modules to date.
- Present finished projects with team members at end-of-semester showcase to 30+ professors and students.

Data Science Intern for Scenthound

June 2023 - August 2023

- Created first dashboards with PowerBI for visualization of data regarding dog health checks, aggregated by body features and locations.
- Implemented SQL queries to backfill missing information regarding appointments and health checks in 3+ tables.
- Designed 3 report summaries using Zoho Analytics exploring various aspects of the business, including membership charges, average upsell by booking method, and categorizing products by associated body feature.

Machine Learning Committee Co-Chair for Women in Computing and Data Science at UC Berkeley

August 2022 - December 2022

- Co-taught a selected group of 14 female-identifying students introductory concepts of machine learning.
- Advised students in how to create first machine learning projects, which were then presented at a club-wide showcase at the end of the semester.
- Collaborated with a team of 10 officers to hold professional and social events, such as resume workshops, mentor-mentee matching, and alumni panels for 30+ club members.

Academic Intern for CS10 (Beauty and Joy of Computing) at UC Berkeley

January 2021 - December 2022

- 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 data science related final projects by demonstrating how to fix Python and Jupyter Notebook related issues.
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SKILLS

Technical capabilities: Python (NumPy, Matplotlib, pandas, Seaborn, Plotly, Folium, scikit-learn), Java, SQL, Tableau, R

Language capabilities: English (native proficiency), Mandarin Chinese (limited working proficiency)