

Jasmine Lo

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EDUCATION

Columbia University

New York, NY

Master of Science in Data Science, GPA: 3.75/4.0

Dec 2025

- Courses: Machine Learning, Probability & Statistics, Forecasting, Finance & Structuring, Deep Learning

University of California, San Diego

La Jolla, CA

Bachelor of Science in Data Science, GPA: 3.86/4.0

Jun 2024

- Courses: Data Structures & Algorithms, Statistics, Data Management, Data Visualization, Recommender Systems

EXPERIENCE

NextLabs

San Mateo, CA

Marketing Analytics Intern

May 2025 - Present

- Built Google Analytics dashboards and reports on website traffic analysis to provide insight on business needs

Aiello Research Group, Columbia University Irving Medical Center

New York, NY

Graduate Research Assistant

Jan 2025 - Present

- Executed data auditing across 2 projects and assisted with quality control to ensure data integrity
- Innovated Whisper machine learning model to automate scoring of thousands of test transcriptions

Catalis

Alpharetta, GA

Data Analyst Intern

Jun 2024 - Aug 2024

- Implemented data management techniques with Python, MS Excel, and Power BI to reconcile data between Salesforce & NetSuite business applications, building the Customer Master data structure
- Designed a Python/Pandas pipeline to automate cleaning, transforming, and mapping for 72K+ accounts
- Wrote 5+ scripts to quickly scrape and generate datasets, reducing time spent on generating unique IDs by 80%

Halicioglu Data Science Institute, UC San Diego

La Jolla, CA

Undergraduate Teaching Assistant

Jan 2023 - Jun 2024

- Collaborated on development of babypandas library, and created 2 new projects for UCSD data science courses
- Updated infrastructure of course problem set site, practice.dsc10.com, to allow topical searching for 10+ topics
- Held weekly office hours to provide a deeper understanding of lectures and labs, catering to 500+ students

Ayers Lab, Veterans Medical Research Foundation

La Jolla, CA

Research Assistant

Jun 2023 - Apr 2024

- Calculated and inputted BRIEF-A and PROMIS t-scores and D-KEFS, WAIS-IV, and UPSA-B scores into REDCap to keep hundreds of patients' information up-to-date and performed statistical analysis on hoarding treatment

PROJECTS

Robust and Interpretable NN Models for CV and NLP

Sep 2023 - Mar 2024

- Dissected image classification deep neural network with CLIP-Dissect, analyzing 4,000+ neurons to understand neuron activations and interpretability
- Applied research to refine VGGNet-based deep learning model for emotion recognition, achieving 0.11% increase in test accuracy by applying strategic neuron weight modifications
- Enhanced model understanding by dissecting hidden layers, mapping key neurons to facial emotion concepts

Shazam 2.0

Jan 2023 - Jun 2023

- Led a team of three and coordinated between team and project directors to run project smoothly
- Implemented AWS's EC2 instance to transfer 300 GB of data onto UCSD's remote server, DSMLP
- Constructed a CNN model classifying songs by genre, fine-tuning parameters to increase accuracy by 12%
- Created a Streamlit web app taking in real-time raw audio and returning top 3 song genres and information

SKILLS

Languages: Python, Java, SQL (Postgres), JavaScript, HTML/CSS

Developer Tools: Git, Jupyter Notebook, VS Code, RStudio, Power BI

Libraries: Pandas, Scikit-learn, PyTorch, Keras, Beautiful Soup, NumPy, Matplotlib, d3, JUnit, Dask, Streamlit