

Mitushi Jain

Davis, California | mtsjain@ucdavis.edu | 669-269-7668

Education:

University of California, Davis.....Graduating Spring 2029

Major: Bachelor of Science in Data Science and Bachelor of Arts in Economics

Current GPA: 3.88

Relevant Coursework:

Introductory Statistics, Calculus (Full series), Introduction to Business, Python Programming, Java Programming, Data Abstraction and Structures, Statistical Data Science 1,2, and 3, Principles of Microeconomics, Principles of Macroeconomics, Intermediate Micro Theory: Consumer & Producer Theory.

Skills:

- Language: Java (Intermediate), Python (Intermediate), R (Intermediate)
- [Machine Learning Introduction for Everyone] – Coursera (IBM), 2025
- [Exploratory Data Analysis for Machine Learning] - Coursera (IBM), 2025
- [Data Analysis with Python] - Coursera (IBM), 2026
- [SQL for Data Science] - Coursera (UC Davis), 2026
- [Introduction to Git and GitHub] - Coursera (Google), 2026

Relevant Experience:

Steel City Codes and Bloom Institute.....May 2024 - May 2025

- Taught Java and Python to elementary and middle school students virtually, honing skills and improving teaching skills.
- Coordinated with 2-3 other people to create engaging presentations, leading to more students being interested in the skill.
- Helped students with questions and built connections.

Detecting Fake News

- Built a machine learning model based on a news dataset, predicting whether news is fake or not using Python.
- Performed EDA and converted text into numbers using TfidfVectorizer (from sklearn) and the Passive Aggressive algorithm.

Other Experience:

American Cancer Society's Discovery Shop.....October 2023 - January 2025

- Volunteered at the cash register, billing items, handling returns, and answering any queries, creating a satisfactory customer experience.
- Interacted with customers, talking about their culture and family, making them feel welcome and comfortable.

Extracurricular Activities:

Bill Passing, Davis Data Driven Change.....October 2025 - June 2025

- Built a website containing a Machine Learning model that summarizes and shows similar propositions with the team
- Worked on Data collection, Exploratory Data Analysis, and Data Visualization.
- Tested multiple models, such as linear regression, logistic regression, and XGBoost.

HackDavis 2026.....May 2026 - May 2026

- Built EconPulse, a website that predicts overall future economic health using Federal Reserve Economic Data
- I worked on the back end, creating and training models such as multiple linear regression, XGBoost, LightGBM, and an MLP Neural Network.