

Daniel Ochoa Garcia

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EDUCATION

University of California, Berkeley

Berkeley, CA

B.A. in Data Science & B.A. in Economics

Expected May 2026

Courses: Computational Structures in Data Science, Data Structures, Principles and Techniques of Data Science, Econometrics, Probability for Data Science, Data Engineering

PROFESSIONAL & LEADERSHIP EXPERIENCE

Numistoken | Remote

Full Stack Intern

March 2025 - April 2025

- Designed and developed web interfaces using React.js and Next.js, ensuring seamless user experiences across devices
- Collaborated with UI/UX and product teams to implement new features, optimize performance, and maintain the existing codebase

Marketing Lead

August 2024 - February 2025

- Led a team of four to drive social media engagement on Instagram and TikTok for NumisToken while also conducting customer surveys (350 responses) and using SQL analysis to refine NumisToken's business model

Open Project | Berkeley, CA

Co-Project Manager

July 2024 - December 2024

- Co-lead 2 project teams: (1) Designed an intuitive, user-centered coin trading platform for NumisToken, a local startup, and (2) Developed musiCal, a creative project centered on a music recommendation system focusing on user discovery
- Implemented UI/UX design systems, creating wireframes, prototypes, and high-fidelity designs for NumisToken's web and mobile applications and musiCal using Figma and React.js

Berkeley Unboxing Data Science (BUDS) | Berkeley, CA

Group Facilitator

June 2024 - July 2024

- Tutored rising college students and high school seniors in data science fundamentals, focusing on the data science life cycle and numPy essential knowledge, while also mentoring them through final projects

PROJECT EXPERIENCE

Spam/Ham Classification | Python, pandas, sklearn, Jupyter Notebook

Fall 2024

- Developed a binary classifier using logistic regression to distinguish between spam and ham emails, applying feature engineering and text processing techniques
- Utilized the sklearn library for data preprocessing, model fitting, and performance validation, ensuring accurate and robust spam detection

Ngordnet | Java, Git, IntelliJ

Spring 2024

- Designed and developed a user-friendly Java interface for efficient input of single and multi-word queries under efficient data structures, enhancing user interaction with the Ngordnet tool
- Implemented robust data structures and algorithms to parse and analyze the Google Ngram dataset, ensuring rapid and accurate historical word usage frequency calculations

SKILLS & INTERESTS

Languages: Python, R, SQL, Java, Javascript, HTML, CSS

Tools: Git, VS Code, IntelliJ, Jupyter Notebook, Tableau, PowerBI

Libraries: NumPy, pandas, sklearn, tidyverse, PyTorch, Flask, seaborn

Other: Microsoft Office, Adobe Photoshop, Figma

Interests: Photography, Cinematography, Music Production, Language Learning, Traveling, Fitness, Entrepreneurship