

Pedro Ochoa Navarrete

510-935-4320 | ochoapedro2000@gmail.com | [LinkedIn](#) | pedroochoa.dev

EDUCATION

Berkeley City College | Cumulative GPA 4.00 Transferred 2022

Clubs: Vice President of computer science club at Berkeley City College

Awards: Consecutive 6-time Academic Honor Student

University of California, Berkeley | Senior | Cumulative GPA 3.58 Aug. 2022 - May 26(Expected)

Bachelor of Arts: Computer Science

Awards: Oakland Promise Scholarship

SKILLS

Language: Spanish (fluent) and English (fluent)

Programming Languages: C++, C, Ruby, Java, Python

Frameworks: Ruby on Rails, React, Node.js, Next.js, RSpec, Cucumber

Tools/Platforms: Git/GitHub, Postman, RESTful APIs, Heroku, AWS, PostgreSQL, Jupyter Notebook, Figma,

AI/ML & LLM: LLM APIs, Prompt Engineering, RAG, Embeddings & Vector Search, NLP, Knowledge Graphs, Feature Extraction, Visualization (Matplotlib/Seaborn), AI Tooling

Methodologies: Test-Driven Development (TDD), Agile, Pair Programming

PROFESSIONAL EXPERIENCE

Sharpen Minds | Software Developer Intern | Berkeley, CA Aug. 2025 - Present

- Extracted NLP-based features and built graph representations of discussion data to inform a personalized recommendation model.
- Built knowledge graphs to reveal engagement patterns, and guide initial ML model parameters
- Led user feedback interviews with Bay Area students, that shaped feature prioritization.

Carbon Sustain | *Blockchain & Software Developer Intern* | Berkeley, CA Aug. 2024 - June 2025

- Developed a payment processing system for Carbon Removal Units, integrating Stripe for secure checkout sessions.
- Designed and implemented workflows and APIs using AWS services, to handle transaction data storage, and integration across systems.
- Resolved UI defects and refactored components, reducing page load issues and improving usability across flows.

Eviction Research Network | *Undergraduate Researcher* | Berkeley, CA Aug. 2023 – Feb. 2024

- Conducted exploratory data analysis (EDA) on raw census data, as well as local and federal bills, to uncover key findings and trends related to evictions in the state of Delaware.
- Authored a comprehensive report for publication on the Eviction Research Network's official webpage, presenting data-driven conclusions and recommendations.

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Management Leadership for Tomorrow | *Ascend Scholar* | Washington, D.C. Oct. 2021 - May 2025

- Develop professional and leadership skills through various workshops and assessments of the program

iMentor | *Mentee* | Oakland, CA Jan. 2018 – Aug. 2021

- Demonstrated commitment to continuous learning and improvement by seeking advice and insights from experienced professionals in the mentorship program.