

Jose Fernandez-Rocha

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EDUCATION

University of California, Berkeley, CA
Bachelors of Arts in Computer Science

May 2024

Relevant Coursework: **CS61A:** Structure and Interpretation of Computer Programs(**Python**, **Scheme**), **CS61B:** Data Structures(**Java**), **EECS16A:** Designing Information Devices and Systems I, **EECS16B:** Designing Information Devices and Systems II, **CS70:** Discrete Mathematics and Probability Theory

SKILLS

Python, C#, Java, HTML, CSS, JS, Bootstrap5

HIGHLIGHTED PROJECTS & EXPERIENCE

SMA Inc.

June - August 2021

Software Engineering Intern

Irvine, CA

- Created a software tool add-in accessory that gives project managers, schedulers and planners access to exclusive functions in Microsoft Project.

Gitlet

Spring 2022

CS61B: UC Berkeley

- Designed and coded a version controlled system that mimics the basic features of Git.

Ataxx

Spring 2022

CS61B: Data Structures - UC Berkeley

- Recreated the game Ataxx from design to product
- Implemented an AI using beta-alpha pruning and a minimax algorithm that beats a player within a set number of moves

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

Berkeley ANova

January 2022 - Present

CS Educator, Curriculum Committee Member, Site Leader

- Providing educational support to under-resourced schools across the Bay Area
- Creating and remodeling the curriculum to personalize it more towards the students
- Facilitated meetings with other ANova mentors to prepare to teach at the school
- Taught and lead each weeks curriculum given to the students
- Planned and helped run ANova Hacks, a 10-hour hackathon for high school students