

Charles Moreno

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https://github.com/charlesmoreno32

I am a full-time computer science student with a strong foundation in Python, Java, and C and am eager to apply the skills I've learned from school and personal projects to real world projects.

EDUCATION

California Polytechnic State University

Bachelor of Science in Computer Science

3.84 GPA, junior standing, expected graduation Jun. 2025

San Luis Obispo, CA

Aug. 2021 – Present

Relevant Coursework: Intro to Software Engineering, Intro to Database Systems, Systems Programming, Discrete Structures, Intro to Computer Security, Design and Analysis of Algorithms, Project-Based Object-Oriented Programming and Design, Data Structures, Introduction to Computer Organization, Calculus Series, Physics Series, Linear Algebra

Palisades Charter High School

3.98 GPA

Los Angeles, CA

Aug. 2017 – Jun. 2021

EXPERIENCE

Software Developer

Hack4Impact

- Developed a personal website using HTML, CSS and Git
- Will work with a team to conceptualize and develop powerful new tools for social change

Oct. 2023 – Present

San Luis Obispo, CA

Poll Worker

Los Angeles County Elections Office

- Engaged with voters and addressed questions and concerns
- Coordinated with team members to set up poll stations

Fall 2020

Los Angeles, CA

PROJECTS

Bitmap Image Compressor and Decompressor | C

May 2023

- Implemented parallelization and mutual exclusion to make program more efficient
- Employed Huffman encoding algorithm to compress and decompress images

2D Game | Java

Nov. 2022

- Designed and developed gameplay mechanisms and graphics
- Implemented pathing algorithms, streams and design patterns

TECHNICAL SKILLS

Programming Languages: Python, Java, C, SQL (Novice), JavaScript (Novice), HTML/CSS (Novice), RISC-V

Frameworks: React (Novice), Node.js (Novice)

Developer Tools: Git, VS Code, IntelliJ

Languages: Spanish (Intermediate)

AWARDS

President's Honor List

2021-2022, 2022-2023

- Achieved consistent academic achievement by maintaining a GPA of 3.5 or better throughout the school year.