

DIEGO BARRALES

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EDUCATION

California State University, Fullerton

Bachelor of Science, Computer Science

GPA: 3.65

Fall 2022 Dean's List

Fullerton, CA

Expected Graduation: May 2024

TECHNICAL SKILLS

- Programming Languages: C++, HTML, CSS, Javascript, Swift, Assembly, Python, React.JS, C, C#, JQuery, MySQL, PHP
- Operating Systems: Windows, Linux/Ubuntu, macOS
- Tools: Microsoft Excel, PowerPoint, Word, Google Docs, Google Sheets, Unity, Raylib, Visual Studio/ VS Code, Photoshop

PROJECTS

Console Graphics

April 2023 - Present

- Built a 2D graphics library in C++ over the summer to render 2D objects in console/terminal
- Strived to study more C++ specific features by working on an object-oriented programming project

Portfolio Website

October 2022 - Present

- Developed a front-end webpage with HTML and CSS to practice web development
- Learned and applied JQuery to devise an interactive experience and inject components automatically with JSON data

Astro Game

February 2023 - April 2023

- Developed an Asteroid Clone in Python using Pygame for a CPSC 386(Game Design) final project

Hackathon, TuffyHacks

March 2021 - March 2021

- Collaborated with a team, The Sustainers, to create a website within a 48-hour period

COURSES

Intro to Programming

Object-Oriented Programming

Data Structures

Cybersecurity Foundations

File Structure & Database

Operating System Concepts

Software Engineering

Algorithms Engineering

Mobile App Development

EXPERIENCE

Alliance Mentorship Program(AMP)

Los Angeles, CA

Mentor

April 2023 - Present

- Mentored a caseload of 1-6 recent high school graduates and guided mentees to complete necessary college/university documentation to ensure college fall enrollment
- Conducted monthly check-in meetings over Zoom, text, or through phone calls
- Engaged in monthly professional development virtual meetings with staff from the Alliance Mentorship Program