Gerardo Rivera

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Summary

A versatile coder with experience in C++, Python, Java, HTML/CSS, algorithms, and data structures. Led multiple projects, including building an independent news website as well as freelance web development and founding a tech repair business. Strong leadership skills and a passion for using technology to create impactful solutions. Proven ability to drive projects to completion and collaborate effectively with teams.

Experience

Relevant Courses

University of California, Merced

Functional and Object Oriented Programming
Learned Java
GASP 069A 01: Creative coding
Used Javascript
CSE 005: Introduction to computer applications
learned how to use basic office applications
CSE 22: Introduciton to Programming
Learned Python and used the language to develop multiple applications
CSE 24: Advanced Programming
Learned C++ and used the language to develop applications
CSE 15: discrete Mathematics
learned about the foundations of programming algorithms
CSE 30:
continued learning C++ and used the language to develop applications. Also learned data structures and algorithms

Web Developer

Digital Solutions

Mar 2023 - May 2023 (3 months)

Developed the website for Club Caribe de San Jose, prioritizing user experience (UX) and user interface (UI) design to create a seamless and captivating experience.
Meticulously coded the UX to guarantee visitors an engaging journey on the website, while crafting an intuitive and visually appealing UI to optimize user interactions.
Implemented a crucial server-side feature that enhanced data integrity and user satisfaction by preventing the upload of form data lacking a valid phone number.

Founder

Impartial

Oct 2019 - Sep 2020 (1 year)

Founded and managed an independent news website during high school, assuming responsibilities such as website development, content creation, advertising, and audience engagement.
Utilized coding skills to build a visually appealing and user-friendly website, attracting thousands of readers and ensuring an enjoyable browsing experience.
Successfully implemented monetization strategies through advertising, generating revenue and sustaining the website's operations.

Education

University of California, Merced

Bachelor's degree, Computer Science

2021 - 2025

Palo Alto High School

2017 - 2021

Skills

HTML • Cascading Style Sheets (CSS) • Web Design • Responsive Web Design • Matterport 3D • IT Operations • Advertising • Communication • Volunteering