Jason Serrano

(208) 721-8601 | Email | LinkedIn | Github

EDUCATION

Santa Clara University, Santa Clara, CA

Bachelor of Science, Computer Science and Engineering   Expected June 2025

RELEVANT COURSEWORK

Data Structures & Advanced Algorithms, Operating Systems, Computer Networks, Digital IC Design

EXPERIENCE

Junior Software Developer   Sept 2023 - Present

Athios, Santa Clara, CA

- Created the landing page for an IT consultant firm specializing in delivering high-quality technology and information for the public & private sectors.
- Integrated a direct pipeline to their GoDaddy website for potential candidates to view available positions, boosting their site retention by over 200%.
- Self-learned JavaScript and HTML to perform the necessary code migrations to modern frameworks. Standardized the frontend CI/CD to support continuous integration.

Student Financial Auditor   Feb. 2022 - June 2023

*Santa Clara University***,** Santa Clara, CA

- Performed audits on the financial records of SCU's students to determine who was late on payments, needed a reminder, etc.
- Created the necessary pipelines to ensure families/students were given access to the appropriate resources and support for their issues.
- Set up automation, diagrams, and dashboarding through Microsoft Excel to optimize the tracking and reachout process.

PROJECTS AND ACTIVITIES

SIGMA LAMBDA BETA (President, Cultural Awareness Chair)   Present

- President of the only Latinx Fraternity at Santa Clara University. Responsibilities include organizing events, budgeting finances, and future planning for the growth of the fraternity.
- Leading the Las Posadas Community event at Santa Clara University, which concurrently hosts over 200 SCU students, staff, and families.
- Have grown the chapter entity by 75% in 3 months through intense recruitment, and marketing.

Swap It Like It's Hot Marketplace   Dec 2024

- Developed a Digital Marketplace for SCU students to buy and sell books to the community, using FullStack frameworks such as React(frontend), Flask(backend), Firebase(Database)
- Created a Search Component to facilitate book buying through Python.
- Implemented Pagination to enhance the UI UX, of the marketplace using JS and CSS

Facial Recognition Home Security System   June 2024

- Developed real-time IoT-based facial recognition through Python and OpenCV to identify if incoming people were friends, recognized in the database, or foes, not recognized, with a success rate of 91%.
- Created a website to broadcast the footage from a Webcam on a Raspberry Pi, using ReactJS.

SKILLS

- C++, Python, C, React, Git/Github, TailwindCSS, React, ReactJS, HTML, CSS, Linux, Spanish (fluent)