

# Marcus Acosta

**Email:** marcus.alan.acosta@gmail.com | **LinkedIn:** www.linkedin.com/in/marcus--acosta  
**GitHub:** github.com/marcusacosta | **Portfolio:** marcus-acosta-portfolio.vercel.app

## EDUCATION

### Oregon State University

*Post-Baccalaureate in Computer Science*

### University of California, Santa Cruz

*Bachelor in Sociology*

**Corvallis, OR**

*2024 - Present (Expected 2026)*

**Santa Cruz, CA**

*2018 - 2022*

## PROJECT EXPERIENCE

### Job Listing Notifier

*SMS Notification Tool – Javascript, Node.js, React, SQLite*

- Eliminated constant manual checks of job and internship listings by enabling users to sign up for **SMS alerts with categorical filters**.
- Automated repo monitoring with **GitHub Actions running every 5 minutes**, ensuring **24/7 uptime** and zero missed postings.
- Scaled the system to handle **500+ subscribers** concurrently without failures, delivering alerts instantly.

### Fantasy Football Trade Analyzer

*Full-Stack Application – Go, TypeScript, Gin, React, PostgreSQL*

- Enabled fantasy players to evaluate trades by integrating **Yahoo Fantasy team data** with **Tank01 NFL player projections**, producing actionable trade value scores.
- Improved decision-making with **team-need insights** by analyzing roster balance and positional scarcity in real time.
- Automated tests for **100+ trade scenarios** across different player combinations, ensuring accuracy and reliability of recommendations.

### Collaborative Expense Calendar

*Full-Stack Application – Python, Javascript, Flask, React, PostgreSQL*

- Ensured **100% data reliability** for recurring and one-time expenses by designing a cloud-hosted **PostgreSQL schema** with category tagging.
- Supported **100+ concurrent users with 0 data conflicts** by stress-testing collaboration features and implementing transaction-safe queries.
- Increased user accountability by automating **Twilio SMS reminders** for upcoming expenses, reducing missed payments in testing by **25%**.

## WORK EXPERIENCE

### Life Time Fitness

*Facility Operations Supervisor*

**Walnut Creek, CA**

*Jan 2024 - Present*

- Improved operational efficiency for a **25+ person team** by analyzing workflows, identifying bottlenecks, and implementing optimized scheduling.
- Reduced customer wait times by **15–20%** through streamlined restocking and check-in processes, directly improving throughput.
- Increased SOP compliance by preparing weekly reports, tracking recurring issues, and escalating systemic problems for resolution.

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, TypeScript, Go, SQL

**Frameworks/Libraries:** React, Flask, Node, Express, Gin

**Databases:** PostgreSQL, MySQL, SQLite, MongoDB

**Tools & Platforms:** Git, GitHub Actions, Render, Postman, Vercel, Docker

**Core Strengths:** Distributed systems concepts, concurrency & performance testing, backend API design, real-time event pipelines, debugging & scalability improvements