LUIS CASTELLANOS

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EDUCATION

University of California, Santa Cruz- Santa Cruz, CA *Expected Graduation June 2027*
B.S., Major in Computer Science - GPA: 3.3/4.0
Relevant Course Work: *Data Structures & Algorithms*

TECHNICAL SKILLS

Programming Languages: SQL, Python, Javascript, C++ HTML/CSS
Tools/Frameworks: Excel, React, Node.js, OpenAPI
Languages: English, Spanish

PROJECTS

CruzHacks 2025 *March 2025 - Present*
Project: Spritz - Affordable Alternatives to Luxury Fragrances
Team Developer
- Assisted in the development of a full-stack web app that recommends affordable dupes for luxury fragrances using AI and web scraping.
- Helped implement backend logic with Node.js, Express, Puppeteer, and Gemini API for fragrance analysis.
- Utilized PostgreSQL database (Dockerized) to store and retrieve fragrance dupes based on scent categories.
- Collaborated in a 4-person team to deliver a working MVP within 36 hours.

EXPERIENCE

LSS Tutoring Services - Santa Cruz, CA *September 2023 – Present*
Student Office Assistant
- Managed day-to-day tutor schedules and room bookings, updating changes and making sure every session had coverage.
- Tracked scheduling and attendance issues with staff and suggested small changes (like shifting hours or adding sessions) to better match student demand.
- Used online calendars and spreadsheets to update tutor schedules, handle last-minute changes, and flag double bookings or gaps.

Oakes HSG & Student Life - Santa Cruz, CA *September 2023– June 2025*
Oakes Tech Crew Member
- Configured and operated complex A/V systems — including microphones, amplifiers, DJ lighting, fog machines, and soundboards — for events with 150+ attendees, ensuring seamless technical execution.
- Collaborated with organizers to translate event requirements into efficient technical setups, optimizing layouts for performance and user experience.
- Troubleshooting and resolving hardware/software failures under strict time constraints, applying systematic problem-solving methods.
- Contributed to team process improvements by sharing technical insights and documenting best practices during weekly syncs.

ACTIVITIES

Society of Hispanic Professional Engineers (SHPE), UCSC Chapter
- Participated in professional development, and peer mentorship initiatives supporting Latinx representation in STEM.

Learning Support Services (LSS), UCSC
- Engaged with campus tutoring programs and technology initiatives enhancing student success and data-driven resource management.