

Jordan Costa

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EDUCATION

CALIFORNIA POLYTECHNIC STATE UNIVERSITY

Bachelor of Science in Software Engineering, Summa Cum Laude

SWE's Outstanding Undergraduate Student Award; Cumulative GPA: 3.86/4.0; Dean's List 2023-2025

San Luis Obispo, CA

June 2025

CUESTA COLLEGE

Computer Information Systems

Cumulative GPA: 3.72/4.0; Dean's List 2020-2022

San Luis Obispo, CA

June 2020 - August 2022

TECHNICAL SKILLS

Git, JavaScript/TypeScript, React, Node.js, HTML/CSS, Java, C#, Blazor, SQL, AWS, Docker, Playwright

WORK EXPERIENCE

PG&E - Diablo Canyon Nuclear Power Plant

Student Software Developer

San Luis Obispo, CA

September 2024 – June 2025

- **Rewrote a legacy software system** used by Radiation Protection technicians at **Diablo Canyon Nuclear Power Plant**
- Developed a **web application in C# (Blazor)**, that is used to display and store radiological conditions at the power plant
- **Played a lead role in feature development**, implementing a **majority** of the application's functionality and user interface
- Collaborated in an **Agile team** with bi-weekly sprints to ensure **iterative development** and **continuous improvement**
- **Implemented UI/UX improvements** aligned with user feedback from **Radiation Protection stakeholders**

Noyce School of Applied Computing

Research Assistant

San Luis Obispo, CA

April 2024 – June 2025

- Developed a **web application** to help international job seekers identify U.S. companies that sponsor H-1B visas
- Processed over **3 million rows of H-1B sponsorship data** from the past decade to provide users with detailed insights
- Implemented a **mathematical algorithm (TOPSIS)** for sorting and ranking company results
- Utilized **Amazon RDS** for scalable data storage and deployed backend services on **Render** for efficient data processing
- **Built and deployed** the web application using **React** and **Next.js** for a scalable and responsive user experience

iFixit

Software Quality Assurance Tester

San Luis Obispo, CA

December 2021 – June 2025

- **Built a QA system** to **track incoming bug reports and feature requests**, improving visibility and organization
- **Created pull requests** for **bug fixes** and **new features**, enhancing software reliability and reducing errors
- Conducted **manual and automated testing** to maintain software quality and minimize post-release issues
- Used GitHub Issues to **identify, document, and track bugs**, accelerating the debugging process
- Verified **UI/UX consistency, performance, and compatibility** across multiple devices and browsers
- **Collaborated with software developers** to troubleshoot and resolve software issues, improving overall software quality

PROJECTS

Working Tracker App

January 2024 – June 2024

- Developed a **React Native mobile application** to help people track their workouts and nutrition
- Integrated the **Open Food Facts API** to enable barcode scanning for macronutrient tracking
- Worked in a **small Agile team** to deliver iterative updates and enhance application features over time

Amazon Stock Notifier

February 2025

- **Developed a web app** for users to link Amazon products and receive **real-time stock updates**
- Implemented **automated monitoring** to track product availability and notify users when products are back in stock
- Focused on building a simple and **user-friendly interface** for easy product tracking
- Utilized **web scraping via Playwright** to retrieve product information