

DANIEL MIRANDA

San Luis Obispo, CA 93410 | (661) 378-1129 | danmiranda127@gmail.com | [Linkedin](#) | [Portfolio](#)

Seeking opportunities in backend development or embedded systems where I can leverage my technical skills and project experience to solve complex problems and contribute to innovative solutions.

EDUCATION

California Polytechnic State University

Bachelors of Science in Computer Science

Sept. 2023 - June 2027

San Luis Obispo, CA

- Relevant Coursework: Proj-Based Object- Oriented Programming & Design*, Introduction to Computer Organization*, Data Structures, Fundamentals of Computer Science (* means currently taking)
- Activities & Societies: Hack4Impact, CS+AI, ColorStacked, Google Developer Student Club, AWS Cloud Club

EXPERIENCE

Software Developer | Hack4Impact

Oct. 2024 - Current

Nonprofit Web Application Development

React | TypeScript | MongoDB | Next.js

- Collaborated with developers to build web applications for nonprofits, enhancing accessibility and user engagement.
- Created solutions that streamlined operations, increasing efficiency by automating processes and optimizing data management.
- Worked directly with clients to align applications with their goals and technical requirements.

Front-End Web Developer | Milli Transportation Inc.

June 2024

Remote learning management system web application

Python | HTML | CSS | JavaScript

- Facilitated a single web page with a front-end team to design a webpage for the trucking company to direct clients to a more efficient webpage for the companies goals.
- Handled design and functionality requests from the company, adapting the project to meet specific needs.
- Utilized HTML and CSS for front-end development, delivering a visually appealing and effective web page

PROJECTS

GeoGroove

June 2024 - Aug 2024

A Location-Based Music Recommendation System

Python | HTML | CSS | JavaScript | Leaflet.js

- Leveraged GPS data to deliver real-time, location-specific music recommendations, enhancing user experience with personalized playlists.
- Utilized Python for backend logic, integrated Spotify API for music data, and Google Maps API for location tracking, ensuring seamless functionality across various geographical locations.
- Implemented a learning algorithm to analyze user preferences and location-based data, improving the accuracy and relevance of music recommendations over time, decreasing runtime overall.

Abuelita's Kitchen

2020-2021

Multi-Page Cooking & Recipe Website

Python | HTML | CSS | TypeScript

- Architected a front-end service of a ratings and reviews system to allow users to post recipes, view/ post ratings, search by keyword, and sort by helpfulness, relevance, date, and/or star ratings for a specific dish
- Designed focusing on user-friendly navigation and visual appeal, showcasing a diverse collection of recipes from various cultural backgrounds.
- Inspired from a class assignment, with the first recipe being a homemade guide for Pupusas.

TECHNICAL SKILLS

Front End | Python, Javascript, TypeScript, CSS, JSON, React

Back End | Java, C, C++, MySQL, Flask, JQuery, TypeScript, MongoDB, Next.js

Developer Tools | VS Code, IntelliJ IDEA, Unix/Linux, Git, RARS RISC-V Simulator, Insomnia, Git, Github, Slack, npm