

Jose Manuel Fuentes

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EDUCATION

California State University Long Beach
Master of Science in Computer Science

Long Beach, CA
Expected: December - 2026

California State University Long Beach
Bachelor of Science in Computer Science

Long Beach, CA
December - 2023

Relevant coursework: Search Engine Technology, Mobile Application Development, Machine Learning
Intro Networks & Distributed Computing, Database Fundamentals, Operating Systems, Data Structures, Discrete
Structure Computing Application II, Algorithms

SKILLS & CERTIFICATIONS

Languages: Python, HTML, CSS, Typescript, C++, Java

Libraries & Framework: Angular CLI, Vue Js, Flask, Bootstrap

Tools: Git, Confluence, Jira, Figma, Vercel, Cloudflare, AWS

Databases: SQL, MongoDB, PostgreSQL, DynamoDB

PROJECTS

Portfolio

[Github](#) | [View Project](#)

Technologies: Vue Js, Bootstrap, HTML, CSS, Javascript, Figma, Vercel, Cloudflare

- Designed and launched a portfolio platform showcasing academic and personal software projects.
- Leveraged Vue.js and Bootstrap to enhance interactivity and user experience.
- Implemented responsive design principles using CSS, resulting in an increase in user engagement.

Study Spot - Frontend

[Github](#)

Technologies: Angular CLI, HTML, Typescript, CSS, Python, Git, Jira, Figma, Flask

- Developed and deployed a Full-Stack web app for CSULB students with study area insights, including Wi-Fi availability, power outlet information, user ratings, busyness tracking, and advanced filtering capabilities for enhanced productivity.
- Constructed the interface using Angular components, Angular material, and Custom Python API.
- Engineered secure admin and user login pages with integrated validators using Typescript and HTML to ensure data integrity and compliance with security standards. Decreased unauthorized access attempts within the first month of implementation.

Search Engine - Backend

[Github](#)

Technologies: Python, Git

- Programmed search engine that queries through various file formats.
- Search results provide accurate document count and titles within designated folders.
- Created a search algorithm using Positional Inverted Indexes, enabling users to locate word sequences.

WORK EXPERIENCE

Pizza Hut - Assistant Manager | Long Beach, CA

August 2024 – Present

- Assists the RGM with a variety of tasks, including staffing, training, and performance management.

The Hall Coffee House - IT Technician/Barista | Wilmington, CA

February 2024 – September 2024

- Maintain and update UberEats, DoorDash, and Clover menu.
- Managed time for an optimal experience for each guest.
- Served guests in a fast-paced environment while maintaining strict adherence for managing technology equipment.

Coast Grocery & Liquor - IT Technician/Manager | Wilmington, CA

December 2018 – August 2024

- Diagnosed and resolved issues with cash register systems, ensuring accurate transaction processing.
- Trained and supervised over 5 new employees on opening & closing duties and conducting inventory.

AFFILIATIONS

Society of Hispanic Engineers August 2019 – December 2024

Attended SHPE Conference 2023 - Salt Lake City, UT