

Delvin Bajoua

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EDUCATION:

University of California, San Diego **B.S. Computer Engineering**

Sept 2020 - March 2024

GPA: 3.7 (Honor Roll)

TECHNICAL SKILLS:

Developer Tools: Figma, Miro, Slack, Excel, PowerPoint

Languages: JavaScript, HTML, CSS, JAVA, C, C++, Python

Frameworks/Libraries: React, Node.js, SQL, Linux

PRACTICAL SKILLS:

User-Driven Design, Client Experience, User Analytics, Adaptability, Agile, Scrum, Roadmap Planning, Strategic Planning, Project Management, Team Collaboration, Cultural Awareness, Conflict Resolution

WORK EXPERIENCE:

Assistant Manager, Escondido Oil

Escondido, CA
Nov 2019 - Present

- Trained employees on how to use Topaz P.O.S system to accept credit, debit, and EBT card payments.
- Boosted customer wait time speeds of estimates by over 50% through recommending a queue management dashboard and stored customer records to expedite service operations.
- Directed customer experience initiative, resulting in positive feedback from 40+ customers, employees, and salesmen about workplace improvements, service speed, and quality control.

Student Intern, Health Exploration Summer Institute (HESI)

La Mesa, CA
June 2019 - July 2019

- Coordinated with a 4 member team to oversee hospital operations at the administrative level and investigate, identify, and resolve operational issues with hospital personnel, labs, vendors, and partners.
 - Inspected the hospital's charting software MyChart used as the backbone of inpatient visits, recording keeping, and large-scale hospital organization for over 100,000 patients.
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PROJECTS:

K-12 Computing Education Site

- Developed an educational resource using CSS, HTML, and Javascript for teachers/instructors to expose their K-12 students to computer science topics. Utilized by educators in 11+ middle school classrooms.
- Implemented easy-to-navigate interface to showcase coding video tutorials from my YouTube channel.

Barista Bash

- Launched scalable menu tool using React for restaurant and cafe employees to efficiently master extensive order options 30% quicker than average learning period during on the job training.

Grocery Gizmo

- Created grocery shopping site which categorically organizes shopping list items, tracks user shopping visits, and instantly splits costs among roommates and other household members (CRUD and Node.js).
- Developed project workflow and design specifications using Figma and C4 architecture model.

ReadyZip – Lossless Compression Application

- Launched Zip tool in C++ to compress and decompress files using Huffman Coding Algorithm.
 - Conducted extensive unit testing protocol and achieved average data compression ratio greater than 70%.
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INVOLVEMENT:

Computer Science And Engineering Society (CSES)

Sep 2020 - Present

Association for Computing Machinery (ACM)

Sep 2020 - Present

Jacob's Undergraduate Mentorship Program (JUMP)

Oct 2021 - June 2022