Chaz Arvizu - Computer Science Graduate

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Education

B.S. Computer Science - California State University, Long Beach - GPA: 3.370
September 2018 - December 2023

Projects

Senior Design Class - Gym Rat - Mobile/Web App

- Created a mobile app using Flutter and Firebase for iOS and Android platforms.
- Practiced agile development with SCRUM methodology and managed sprints and issues in the project management software JIRA.
- Collaborated with team members to tackle challenges and divide tasks effectively.

LiftJourn - Full Stack Web Application

- Developed a full-stack web application using Django and Vue.js, incorporating features such as user authentication, exercise tracking, and workout routine management.
- Implemented RESTful APIs with Django REST framework for frontend to backend communication between Django web server and a static Vue.js frontend.
- Utilized DigitalOcean App platform to deploy and manage the LiftJourn Application.
- Overcame technical challenges such as user authentication via Json Web Tokens and securely handling them, demonstrating problem-solving skills and technical expertise.

Boolean/Ranked Query Search Engine

- Developed a Python program utilizing Boolean and ranked retrieval algorithms to efficiently search a corpus of documents.
- Demonstrated problem-solving skills by researching and implementing optimal algorithms and data structures.
- Optimized code performance through algorithmic and data structure optimizations.

Experience

Tau Beta PI - Vice President - November 2022 - December 2023

- Helped lead the on campus Engineering Honors Society as second in command
- Planned for events that occurred on and off campus by working with both the school and other officers of Tau Beta Pi
- Delegate tasks to different chair positions of Tau Beta Pi

Ralphs Starbucks Barista - January 2018 - present

- Time management skills with balancing school and work
- Learned how to communicate effectively in a work environment
- Provide customer service through a positive attitude and attention to detail

Career Objective

Expand knowledge on software engineering and the application of software. Gain work experience in a company environment. Eager to expand upon problem solving skills in a team environment. Interested in improving leadership skills.

Relevant Courses

Algorithms, Search Engine Technology, Data Structures, Database Fundamentals, Object Oriented Programming, Networks & Distributed Computing, Computer Security

Skills

Python, Dart, C++, C#, C, HTML, CSS, Javascript, Java, Django, DigitalOcean, SQL, PostgreSQL, Relational Database Design, Django, Django REST framework, Vue.js, Vuepress, Markdown, NoSQL, Flutter Flow, Firebase, Git Command Line, GitHub Desktop, Windows 10/11, Linux Mint