SHAYAN DAIJAVAD

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EDUCATION

California Polytechnic State University – San Luis Obispo
Bachelor of Science Degree in Computer Science   Sept 2021 – June 2025
GPA: 3.779

Relevant Coursework: Data Structures, Project Based Object Oriented Programming and Design, Intro to Computer Organization, Systems Programming, Computer Architecture, Discrete Structures, Design and Analysis of Algorithms, Intro to Software Engineering, Intro to Computer Security, Programming Languages, Theory of Computation

SKILLS

Programming Languages: Java, Python, C, ARM Assembly, JavaScript, HTML, CSS
Software Tools: Unix, git, Bash, Docker, Vue.js, TypeORM
Spoken Languages: Intermediate Spanish, Basic Farsi

PROGRAMMING PROJECTS

Interactive Dijkstra's Algorithm Map, Personal Project
Languages and Tools Utilized: Java, Processing
- Developed an interactive map overlaying Dijkstra's algorithm on the Skyrim video game map.
- Used Java for graph creation and Processing for visuals and sound effects.

Minimally Useful Shell, Systems Programming Final Assignment
Languages and Tools Utilized: C, bash, unix, emacs
- Built a functional shell capable of handling basic commands and piping.
- Utilized C system calls (fork, exec) and properly managed child processes.

Social Recipe Website, Intro to Software Engineering Group Project
Languages and Tools Utilized: Vue.js, Node.js, Axios, Express.js, TypeORM
- Developed a social web app for user account creation, recipe posting with images, event creation by zipcode, account following, recipe browsing, and review posting.
- Solely responsible for recipe and review features (backend and frontend), individual recipe view, and account functionality. Collaborated with my team on other aspects.

CAMPUS INVOLVEMENT

Secretary of Engineering Student Council 2021
Member of Iranian Student Cultural Organization 2021-2023
- Treasurer of Iranian Student Cultural Organization 2022