

# SHAYAN DAIJAVAD

[shayan@daijavad.com](mailto:shayan@daijavad.com) (408) 438-2759

<https://www.linkedin.com/in/shayan-daijavad-20b21a209/>

## 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

- ☐ Created a map overlay graph on a map of the video game Skyrim that allowed users to interactively travel between two different points on the graph using Dijkstra's algorithm
- ☐ Utilized Java for creation of graph objects such as edges and vertices, and utilized Processing for visuals and sound effects.

### Minimally Useful Shell, Systems Programming Final Assignment

Languages and Tools Utilized: C, bash, unix, emacs

- ☐ Built a "minimally useful shell" that can handle 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

- ☐ Created a social web application that allows users to create an account, post recipes with images, create events tied to a zipcode, follow other accounts, see and search for other users' recipes in a home page, and leave reviews for other recipes.
- ☐ Personally worked on entire recipe and review functionality (both backend and frontend), account page and individual recipe view page functionality, and follower functionality. The rest of the website was distributed amongst my group.
- ☐ Our frontend was built using Vue.js/Node.js, which sent information via Axios to an Express.js backend with a MySQL database we interacted with using TypeORM.

## CAMPUS INVOLVEMENT

Secretary of Engineering Student Council 2021

Member of Iranian Student Cultural Organization 2021-2023

- ☐ Treasurer of Iranian Student Cultural Organization 2022