Alex Vo

Mobile: (408) 456-7890

linkedin.com/in/alexvo0415

Email: alexvo0415@gmail.com

EDUCATION

- **University of California, Irvine** — Irvine, CA
  Bachelor of Science in Computer Science — *Sep 2018 – Jun 2022*
- **Relevant coursework:** *Data Structure Implementation and Analysis, Design and Analysis of Algorithms, Intro to Data Management, Intro to Artificial Intelligence, Intro to Computer Organization, Information Retrieval, Principles of Operating Systems, Principles in System Design, Computer Networks*

PROJECTS

- **FabFlix**
  - Built a full stack e-commerce platform where users can browse and purchase movies
  - Developed frontend using **React**, implemented **REST API** backend with **Java Spring Boot**
  - User, movie, and cart information is stored in a **MySQL** database; passwords are hashed and salted
  - Managed user authentication and requests to restricted endpoints using JWT and access/refresh tokens
  - Processed user purchases and credit card information securely through the Stripe API

- **Search Engine**
  - Implemented a search engine in **Python** that answers queries to 2.6GB of web pages in <200ms
  - Stored term frequencies, document frequencies, and document IDs in inverted indices
  - Customized a **tf-idf** scoring system to return web pages ordered by relevance

- **Vacation Advisor Chatbot**
  - Parses user input using the CYK algorithm to process custom grammar rules
  - Designed feature to warn users of bad weather by querying the OpenWeatherMap API
  - Suggests users appropriate cities to visit for specific recreational activities

EXPERIENCE

- **UCI Catering** — Irvine, CA
  Kitchen Staff — *Jan 2020 - Mar 2020*
  - Prepared ingredients in a fast-paced, high-pressure environment
  - Coordinated with other team members to ensure the delivery of food in a timely manner
  - Maintained a pristine and organized workspace by disinfecting surfaces and cleaning kitchenware

PROGRAMMING SKILLS

- **Languages**: Python, Javascript, C, SQL, Java, MIPS Assembly

- **Technologies**: React, Spring Boot, MySQL Workbench/Server

- **Tools**: Git/Github, Bash, Anaconda, Postman, PyCharm/IntelliJ, Wireshark