

ALEX TRUONG VAN VO

alexvo0415@gmail.com | (408) 887-9725 | linkedin.com/in/alexvo0415 | github.com/alexvo7

EDUCATION

University of California, Irvine

Irvine, CA | Sep 2018 – Present

Information and Computer Science, B.S. (expected June 2022)

- **GPA:** 3.5
- **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*

SKILLS

Languages: Python, C/C++, Java, HTML/CSS, MySQL, MIPS Assembly

Libraries/Tools: PyCharm/IntelliJ, VS Code, Anaconda, Git, Linux, Bootstrap, Excel VBA

PROJECTS

Search Engine | Python

- Implemented a search engine that answers queries to 2.6GB of webpages in <200ms
- Stored term frequencies, document frequencies, and document IDs in inverted indices
- Customized a tf-idf weighting scheme to rank webpages based on relevance
- Created a UI using tkinter to enhance user experience

Vacation Advisor Chatbot | Python

- Utilized the CYK algorithm to parse user input for further processing
- Implemented features to suggest appropriate cities to visit for recreational activities
- Designed and coded feature to warn users of bad weather by querying the OpenWeatherMap API

Distribution Fitter | Python

- Researched scipy, numpy, and matplotlib libraries to fit data points into a distribution
- Utilized chi-squared and K-S tests to decide the distribution which fits the data best

WORK EXPERIENCE

Kitchen Staff Member

Irvine, CA

UCI Catering

Jan – Mar 2020

- Prepared ingredients in a fast-paced, high-pressure environment
- Coordinated with team members to ensure the delivery of food in a timely manner
- Maintained a pristine and organized workspace by disinfecting surfaces and cleaning kitchenware

Scheduling Intern

Milpitas, CA

Precision Swiss Products

Jul 2018

- Managed jobs assigned to machines and updated scheduling database accordingly
- Relayed information between vice president and machine operators