Alex Kefer

925-658-2502 | alexkefer@icloud.com | linkedin.com/in/alex-kefer-415b7b236 | github.com/alexkefer | alexkefer.github.io

EDUCATION

Western Washington University — Bellingham, WA
Bachelor of Computer Science — *Expected June 2024*
- Certificate of Web Programming
- Relevent Coursework: Data Structures, Operating Systems, Analysis of Algorithms, Object-Oriented Programming, Database Programming, Computer Networks I, Mobile Device Programming, Cloud Computing, Webscripting

EXPERIENCE

Web Accessibility Internship — January 2024 – Present
Western Washington University - WebTech — *Bellingham, WA*
- Develops disability-friendly web interfaces for the university's website.
- Reviews our current technology to ensure it is up to par with current accessibility standards.

Bartender & Banquet Server — January 2024 – Present
Four Points by Sheraton — *Bellingham, WA*
- Efficiently and politely assists customers whilst balancing time to build other server's drinks.
- Works in a team to efficiently setup, serve, and cleanup large banquet events.

Busboy & Server — August 2021 – December 2023
Dirty Dan Harris Steakhouse — *Bellingham, WA*
- Assists in maintaining a fine dining experience for customers.

PROJECTS

Nutrient Tracker | *React Native, JavaScript* — Summer 2023 – Present
- I am currently developing a nutrient tracker to help people keep count of daily nutrient levels to a limit they set.
- I am building it using local storage to store user data privately, with the ability to either search on USDA FoodData API or to enter their items and item data manually.

Web Downloader | *Golang* — Winter 2024
- A tool to download static websites and its assets and saves them inside an organized folder structure based on their location on the website.
- Parses through the documents replacing the online links with local ones to allow the web page to operate offline.

Dictionary App | *React Native, JavaScript* — Spring 2023
- I developed a dictionary mobile application based on a website dictionary design.
- The app calls for data from an open source dictionary API and cleanly displays it for the user to read
- The application includes settings for themes and fonts.

Server Database with a Client | *C* — Fall 2022
- Built a server database utilizing a hash table with an LRU cache to speed up efficiency.
- Built both a command line client and server program to handle commands such as get, set, remove and update items

Spell Checker | *Java* — Fall 2021
- Checks for various common spelling errors and suggests multiple possible word options.
- Created using an hash mapped dictionary with my own hashing algorithm.

TECHNICAL SKILLS

Languages: Java, JavaScript, Golang, C, C#, Python, HTML/CSS, SQL
Frameworks: React, React Native, Node.js, Vite.js, Astro.js
Developer Tools: AWS
Libraries: JDBC
Operating Systems: Linux, Mac OS X, Windows