Alex Kefer

1020 Railroad Ave Apt 312 • Bellingham, WA 98225 • alexkefer@icloud.com • (925) 658-2502

Education

Western Washington University   Bellingham, WA
Bachelor of Science; Computer Science, Certification of Web Programming   2024
Relevant Coursework: Data Structures, Computer Systems I & II, Analysis of Algorithms, Object-Oriented Programming, Database Programming, Computer Networks I.

College Park High School   Pleasant Hill, CA
                                                                                          2020

Experience

Dirty Dan Harris   Bellingham, WA
Steak House
 Busboy   September 2021 – Present
- In my role I assist the servers by helping them bring food out, check up on customers, and many other various tasks they require my help with
- I efficiently clear off tables and reset them for future customers

Safeway   Pleasant Hill, CA
 Checker   August 2019 – August 2021
- I helped customers check out of the store with kindness and efficiency.
- I stocked and assisted designing display sets of hundreds of items

Leadership & Activities

College Park Tech Theater   Pleasant Hill, CA
 Leader   August 2016 – April 2020
- I organized and ran my high school's tech theater group. While most of the group graduated during my junior and senior year, I took charge and brought new young students in and taught them how to design and execute live lights, how to design and execute live sound, and how to stage manage a team.
- I executed and designed live lights and sound for theater, choir, and dance performances.

Computer Science Projects
- In Java I built a spell checker that checks for various different spelling errors and suggests possible words from a dictionary built on hash map with my own hashing algorithm.
- In Java I created a program that takes 4 different sorting methods, stimulating the quickest one with the size of the dataset, and executing said quickest method.
- In Java I also built a binary encoder and decoder that encodes characters based on how often they appear in attempt to create the smallest sized output.
- In C I developed a LRU cache with a server and client setup, where the client sends custom built commands created to access the cache that exists on a separate server program. There exists the commands to connect to the server and to get, set, remove, and update items.

Skills & Interests

Technical Skills: Java, C, C#, SQL, LaTeX, JavaScript, R, MATLAB, HTML/CSS, Python
Operating Systems: Windows, Linux, and Mac OS X
Interests: Skiing, volleyball, video games, frisbee golf, golf, movies