Morteza Eskandari

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Summary

Senior Computer Science major seeking to gain real-world programming experience in a software engineering internship for Summer 2023. Strong background in software development with a highly-motivated, productive and customer-focused team player with strong communication, interpersonal, organizational, time management, analytical and solution-oriented skills.

Education

Bachelor of Science, Computer Science — Expected Graduation: May 2024

George Mason University, Fairfax VA

Relevant Courses: Data Structures, Algorithms, OOP, Software Engineering, Operating Systems

Technical Skills

Languages: Java, C, JavaScript, HTML, CSS, Python, C++, R

Applications: GitHub, Visual Studio Code, Eclipse, CodeBlocks, Microsoft Office

Operating Systems: Windows, Linux

Technical Experience / Projects

Hash Table Implementation – *C* — September 2021 – November 2021

- Implemented a hash table data structure in C programming language using CodeBlocks IDE.
- Has all the basic functions of a hash table such as insert, delete, search item. Can also print the table.
- Used a check sum algorithm for my hash function and double hashing for handling collisions.

ATM Bank Project – *Java* — March 2021 – May 2021

- ATM project done using Java, works like a regular ATM except user first creates a bank account.
- User login credentials are stored in the system using their MD5 hash values for security.
- User can perform various operations to their accounts such as, withdraw, deposit or view transactions.

Portfolio – *HTML, CSS* — October 2020 – January 2021

- Portfolio website designed and built using pure HTML and CSS from scratch.
- Website is fully responsive, working contact section, list of projects with links to repositories, etc.
- Learned basics of HTML and CSS that can be used for future web development projects.

Sorted Linked Array List – *Java* — January 2018 – February 2018

- Purpose of the project was to create a linked list of array lists of size k and have the user enter a numeric value which will be placed into one of the nodes of the linked list in sorted order.
- Made use of the binary search algorithm to efficiently search for values in the array lists at each node of the linked list to see if that value existed and to help insert and remove values.
- Combined two data structures to solve this complex problem namely, Linked Lists and Array Lists.