Morteza **Eskandari**

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Education

George Mason University **Expected Graduation – May 2024**
Bachelor of Science – Computer Science *GPA – 3.00/4.00*

Relevant Coursework – Data Structures, Algorithms, OOP, Software Engineering, Operating Systems

Skills

Languages: Java, C, C++, Python, HTML, CSS, JavaScript, MySQL
Tools: Visual Studio Code, Eclipse, CodeBlocks, Windows, Linux, Microsoft Office

Links

GitHub: https://github.com/MortezaEskandari
LinkedIn: https://www.linkedin.com/in/morteza-eskandari-589185129/
Portfolio: https://mortezaeskandari.github.io/Portfolio/

Projects

Hashtable Implementation – *C (Programming Language)* Sept 2021 – Nov 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* Mar 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 – *HTML5, CSS3, JavaScript* Oct 2020 – Jan 2021
• Portfolio website designed and built using pure HTML and CSS with a little bit of JavaScript.
• Website is fully responsive, working contact section, list of projects with links to repositories, etc.
• Learned basics of HTML & CSS that can be used for future web development projects.

Sorted Linked Array List – CS310 Project 1 Jan 2018 – Feb 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.

Interests

• **Coding**: I love to solve challenging problems using my programming knowledge.
• **Traveling**: One of my goals in life is to travel around the world I think it will be a lot of fun to explore.
• **Exercise**: Going to the gym is a nice way to keep in shape and just focus on myself.
• **Videogames**: Have always loved video games since a kid and still to this day I enjoy it very much.