

# MORTEZA ESKANDARI

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## Education

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George Mason University

Expected Graduation: May 2024

Bachelor of Science, Computer Science

GPA: 3.10

**Relevant Coursework:** Data Structures, Analysis of Algorithms, Object-Oriented Programming, Database Concepts, Software Engineering, Data Mining, Computer Systems and Programming, Low-Level Programming, Operating Systems, Cryptography

## Technical Skills

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**Programming Languages:** Java, C, Python, JavaScript, HTML, CSS, SQL

**Technologies/Frameworks:** React.js, Git, Pandas, Numpy, RESTful APIs, Docker, AWS

**Developer Tools:** Visual Studio Code, Eclipse, PyCharm, MySQL, Oracle, GitHub, Jira, Junit, Jupyter Notebook

## Projects

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**Kids Tutoring App** ([website](#)) | HTML, CSS, JavaScript

January 2023 – May 2023

- Orchestrated the design and organization of project specifications and requirements.
- Implemented effective project management through regular weekly meetings to outline agendas and track progress.
- Established an agile development environment, utilizing industry-standard tools such as Jira and GitHub for seamless version control.
- Assumed a leadership role by skillfully coordinating tasks, guaranteeing the timely completion of deliverables, and nurturing a culture of collaboration.

**Hash Table Implementation** | C

September 2021 – November 2021

- Developed a robust hash table data structure in C within the Eclipse IDE.
- Implemented fundamental hash table functionalities including insertion, deletion, item retrieval, and printing.
- Employed a checksum algorithm to enhance the hash function's reliability and employed a double hashing technique to effectively manage and resolve collision scenarios.

**ATM Bank** | Java

March 2021 – May 2021

- Developed and engineered an ATM system using Java within Visual Studio Code.
- Employed the MD5 hashing algorithm to securely store user login credentials, ensuring data integrity and security.
- Rigorously tested software for reliability with Junit and comprehensive functional tests.

**Portfolio** ([website](#)) | HTML, CSS

October 2020 – January 2020

- Developed a professional portfolio website with HTML and CSS.
- Ensured full responsiveness, contact form, project links, and downloadable resume.
- Seamlessly deployed the website to the web environment using GitHub, ensuring accessibility to a global audience.