

Kidus Tensay

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EDUCATION

George Mason University, Fairfax, VA

Expected Graduation, June 2026

- Bachelors of Engineering in Computer Science
- GPA: 3.44/4.00
- Relevant Coursework: Essentials of Computer Science, Introduction to Computer Programming, Object-Oriented Programming, Data Structures, Discrete Math

SKILLS

Java, Python, JavaScript, Html/CSS

PROJECTS

Bellman-Ford Algorithm Simulator | Java

April 2024

- Utilize the Java Collections Framework and Java Universal Network/Graph Framework to implement a directed graph class, supporting advanced graph operations and enabling graphical simulation.
- Complete the implementation of the Bellman-Ford algorithm to find the shortest paths in graphs with negative weights, integrating the algorithm into a GUI simulator for step-wise execution and visualization.

Checkers Game Simulator | Java

December 2023

- Developed an interactive checkers simulation with features for playing against human opponents or AI, utilizing a MiniCheckers class with methods for board management, winner determination, and move validation.
- Implemented UserPlayer and AIPlayer classes for human-versus-human and human-versus-AI scenarios, featuring a chooseMove method for player input and AI decision-making based on recursive evaluation of move values.

Stock Management System | Html, JavaScript

January 2024

- Developed a web-based application which manages stock for a company or organization replacing a manual pen and paper method.
- The web-based application utilizes a system of HTML files interconnected through button based navigation. Integrates CSS for enhanced presentation and styling.

WORK EXPERIENCE

Produce Clerk

Giant Food, Centerville, VA

July 2023 - August 2023

- Possess comprehensive knowledge of product inventory, proficiently identifying the appropriate aisles for each item.
- Diligently maintain store shelves, ensuring constant restocking and organization throughout the day particularly specializing dairy, produce, and grocery sections.
- In addition to primary responsibilities, produce clerks may be required to provide assistance in various capacities, adapting to the dynamic needs of the store.

Certifications

Microsoft Office Specialist (MOS)