

RICHARD MALIYETU

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SUMMARY

Aspiring Senior student at the University of Maryland Baltimore County, pursuing a Bachelor of Science degree in Computer Science with a current cumulative GPA of 3.75. Proficient in C++, Html, CSS and JavaScript with a focus on object-oriented design, advanced data structures, and algorithm development. Experienced in creating innovative software solutions, applying theoretical knowledge to enhance user experience and system efficiency. Interested in opportunities to contribute to impactful industry projects in software engineering and game development.

EDUCATION

University of Maryland Baltimore County

Bachelor of Science: Computer Science
Expected graduation year: Summer 2025
GPA: 3.75

Community College of Baltimore County

Associate of Science: Computer Science
Graduation year: 2023
GPA: 3.5

PROJECTS

Pokémon Battle (PHP, SQL, HTML, CSS, JavaScript):

- Implemented a web-based game, ensuring intuitive UI and engaging gameplay.
- Managed data efficiently with MariaDB and utilized GitHub for version control.

SMS Management Script (Bash):

- Implemented sms.sh, a Bash script for managing text messages.
- Demonstrated expertise in Bash scripting, file management, regex usage, and CLI design.

Movie Player (C++):

- Developed a movie player using a custom templated linked list for efficient data management.
- Implemented dynamic allocation of movie objects, sorting, and filtering by genre and year.

Airline Manager (C++):

- Designed an airline route tool using LinkedLists for fuel cost calculations.
- Created classes for airports, routes, and navigation, featuring a menu-driven interface.

Utopia (C++):

- Created a space exploration game with strategic resource management and immersive interstellar navigation.
- Players command spacecraft for mining resources and engaging in battles.

WORK EXPERIENCE

Barnes & Noble

2020 – 2023

Cashier and Customer Service

- Managed cash transactions and provided customer service in a fast-paced retail environment.
- Processed web and in-store orders, ensuring accuracy and efficiency in order fulfillment.

YMCA New Horizons Program

Summers of 2017 to 2019

Paid Internship

- Developed leadership skills in a dynamic and team-oriented setting.
- Adhered to close observation of time management in relation to employment.
- Developed a strong work ethic focusing on accountability in the workplace.

SKILLS

- C++
- HTML
- CSS
- JAVASCRIPT
- PHP
- BASH
- PYTHON
- FLASK FRAMEWORK