

# Benis Munezero

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## Education

### Towson University

Expected Graduation: May 2025

*Bachelor of Science in Computer Science (GPA: 3.2 / 4.00)*

*Towson, Maryland*

- **Relevant Coursework:** General Computer Science (C++), Introduction to Computer Science I & II (Java), Data Structures & Algorithms (Java), Software Engineering, Web Programming, Database Management systems, Calculus I & II, Discrete Math

## Skills

**Languages:** Python, Java, C/C++, HTML, CSS, Git

**Spoken Languages:** English (Fluent), Kinyarwanda (Fluent), French (Intermediate)

**Technical:** Microsoft (Word, PowerPoint, Excel), Google (Docs, Slides, Sheets), GitHub, Jupyter, Open Source Contribution

**Characteristics:** Motivated, Honest, Quick learner, Punctual, Reliable, Efficient team member

## Projects

### Python Tower of Hanoi Puzzle | *Python, Recursion, Algorithm Design, Debugging, Problem Solving*

- Implemented a Python program to solve the classic Tower of Hanoi puzzle, renowned for its algorithmic complexity and recursive nature.
- Designed the program to handle a variable number of disks, demonstrating adaptability and scalability in problem-solving.
- Documented the project comprehensively, including algorithmic explanations and code comments, ensuring ease of understanding and accessibility for all stakeholders.

### Java Double Linked List Implementation | *Java, Generics, Data Structures, Linked Lists, Object-Oriented Programming.*

- Developed functionalities to insert and delete nodes from the list while maintaining proper linking between nodes.
- Implemented methods to print the list in both forward and reverse order, enhancing usability and debugging capabilities.
- Demonstrated proficiency in recursive methods for generating string representations of the list.
- Utilized generics to make the double linked list class more flexible and reusable.

### Java Data Structures Toolkit | *Java, Object-Oriented Programming, Generics, Exception Handling, Data Structures.*

- Developed versatile implementations using both array-based and linked list-based approaches to cater to diverse needs.
- Designed a modular structure facilitating code reuse and enabling future expansions.
- Created a user-friendly interface with StackQueueClient, allowing for intuitive interaction and visualization of data structure operations.
- Implemented robust exception handling mechanisms to ensure the reliability and stability of the toolkit.

## Experience

### AmeriCorps Member with The Choice Program @UMBC

Sept 2023 – Present

*Mentor*

*Baltimore, MD*

- Guiding and supporting youth through program participation.
- Facilitating effective communication with program staff.
- Implementing documentation processes for tracking participant progress.
- Contributing to planning and executing program activities.

### Target

Dec 2019 – Sep 2023

*Tech Specialist*

*Abingdon, MD*

- Solved customer problems in customer service via telephone, online, and in person.
- Communicated with staff members and customers.
- Documented and stocked store merchandise.
- Prepared in-store and online orders for customers.

### Dulaney High School

Sep 2019 – May 2020

*Tech Intern*

*Cockeysville, MD*

- Fixed and repaired student laptops or other devices.
- Assisted teachers in presentation set-up and WIFI connectivity issues.