

# Aimable Mugwaneza

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## SKILLS

Programming Languages: Python, Java, JavaScript, HTML, CSS

Frameworks & Libraries: Flask, React, Node.js

Databases: SQLite, SQL

Tools: Git, GitHub, Bitbucket, VSS, Microsoft Office Suite

Languages: English (Native), French (Conversational), Kinyarwanda (Fluent)

## EDUCATION

### Bachelor of Science in Computer Science

Towson University • Towson, MD • August 2025

- GPA: 3.69
- Dean's List: Multiple Semesters.
- Relevant Coursework: Data Structures & Algorithm Analysis, Software Engineering, Object-Oriented Design, Operating Systems, Data Communication & Networking, Introduction to Cybersecurity, Computer Architecture and Organization

### Associate of Arts with Distinction in General Studies

Harford Community College • Harford, MD • December 2021

- GPA: 3.93.

## PROJECTS

### TrackExpense – Full Stack Expense Tracker (In Progress)

[github.com/aimablM/TrackExpenseApp](https://github.com/aimablM/TrackExpenseApp)

- Developing a full-stack web application using Python and Flask for backend functionality and HTML/CSS for a responsive user interface.
- Implementing secure user authentication and data management using SQLite, ensuring data integrity and security.
- Building core features, including expense logging, budget planning, and interactive data visualization, using Matplotlib and RESTful API design principles and front-end frameworks.
- Focusing on code quality through modular architecture, version control (Git), and performance optimization for scalability and responsiveness.
- Continuously enhancing user experience with attention to UI/UX design, mobile responsiveness, and seamless integration of data visualization tools.
- Conducting user research and feedback sessions to gather insights and iteratively improve features, resulting in a 40% increase in test user satisfaction and usability.

### Personal Portfolio Website

Towson University • [github.com/aimablM/aimable-myportfolio](https://github.com/aimablM/aimable-myportfolio)

- Designed and developed a responsive portfolio using React and Node.js, following modern UI/UX principles for an engaging user experience.
- Utilized component-based architecture for maintainable, scalable code and efficient project management.
- Integrated responsive design to ensure seamless performance across devices, showcasing projects and skills effectively.
- Implemented a continuous integration and deployment pipeline, reducing deployment times by 50% and ensuring regular updates with minimal downtime.

### ShopEase- Responsive Online Store App

Towson University • [github.com/aimablM/E-Commerce-Store-Project](https://github.com/aimablM/E-Commerce-Store-Project)

- Built a multi-page e-commerce site using HTML, CSS, and JavaScript for interactive and dynamic functionality.
- Implemented a real-time shopping cart with updates and persistent data storage using local storage.
- Developed features like order processing, delivery tracking, and search functionality entirely with JavaScript.
- Designed a dynamic product catalog and streamlined order management to simulate a full shopping experience.
- Integrated secure payment solutions and optimized backend performance, reducing load time by 30% and supporting high concurrency during peak shopping periods.

## EXPERIENCE

### Returns Learning Ambassador

Amazon

December 2020 – June 2022, Aberdeen, MD

- Trained new hires in technical systems and procedures
- Improved return processing workflow, resulting in 15% increased productivity
- Managed and coordinated team logistics for efficient operations.

### Fulfilment associate

Timonium Target

December 2019 – May 2020, Cockeysville, MD

- Coordinated customer pickup orders and ensured they were ready for pickup

- Responded to customer needs such as locating items, navigating the store, customer service
- Filled into different roles as needed.

**Audio and Visual Technician**

**Cockeysville Baptist Church**

May 2018 — February 2020, MD

- Operated and troubleshoot technical equipment for live events
- Collaborated with team members to ensure seamless service execution
- Prepared and organized multimedia content for presentations.

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**INVOLVEMENT**

**Phi Theta Kappa Honor Society**

Towson University • October 2024- Present

**Towson Honors College**

Towson University • January 2022 - Present