

DAMILOLA OSOBA

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| **GitHub:** [Damilola24434 \(github.com\)](https://github.com/Damilola24434) | Portfolio: <https://website-1qoz-git-tmp-damilola24434s-projects.vercel.app?vercel=FPnkbh6l0Ahh184jFZszj8k1jbwNE1XU>

OBJECTIVE: Computer Science student with a solid programming background seeking a Software Engineering role in entrepreneurial and innovative environment

EDUCATION

McNeese State University, Lake Charles LA

Anticipated Graduation: **May 2026**

Bachelor of Science, **Computer Science**

Cumulative GPA: **3.56/4.00**

- **Relevant Coursework:** Foundation for CS, Database Management System, Software Engineering I, Calculus I, II, & III, Data Structures and Algorithm, Object Oriented Design, Discrete Mathematics.
- **Honors & Awards:** McNeese Access Award (Fall '22 – Spring '26), President's List at McNeese State University (Fall '22- Spring '24)
- **Certifications:** Ethical Hacking Essential (EHE) Certification (EC-Council), Networking Devices and Initial Configuration Course, CodePath Intro to Cybersecurity.

TECHNICAL EXPERIENCE/CERTIFICATION

NASA LaACES Program Participant & Undergraduate Researcher *McNeese State University, Louisiana Space Grant Consortium* **Aug 2024 – Present**

- Developing a high-altitude balloon payload system to increase data collection efficiency by 30%.
- Enhancing payload efficiency by 25% with compact balloon payloads using Arduino for data collection.
- Boosting team productivity by 25% by implementing Agile practices for a 5-member team.

Hack the Hood: BUILD Data Science Program

September 2024 – Present

- Developing predictive models with Python to enhance decision-making by 25%
- Addressing socio-technical challenges with a focus on ethical tech design and data activism.

Walmart USA Advanced Software Engineering Virtual Experience Program on Forage **June 2024 – July 2024**

- Developed a product recommendation algorithm in Python, boosting simulated user engagement by 15%.
- Implemented a novel heap data structure in Python and designed UML class and ER diagrams for a database system.

PROJECTS

Custom Java Code Documentation Tool – Personal Project

- **Resources:** HTML, CSS, JavaParser, and Java.
- Developed a custom Java documentation tool using Java and APIs, improving code readability and reducing documentation time by 30%.

World ECO Tours - Project

- **Resources:** SQL, SQL Server Management Studio (SSMS), and SQL Server
- Developed a SQL database for World Tours, handling 10,000 records and improving retrieval by 30%.

Tetris Project – Personal Project

- **Resources:** Java
- Designed and implemented a Tetris game in Java, showcasing object-oriented programming principles.
- Link: [Damilola24434/Tetris-game-with-java \(github.com\)](https://github.com/Damilola24434/Tetris-game-with-java)

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

Member, National Society of Black Engineers (NSBE), McNeese State Chapter

Sep 2022 – Present

Member, Rewriting the Code

Feb 2022 - Present

Member, African and Caribbean Student Association (ACSA)

Sep 2021 – Present

Resident Assistant, McNeese State University

Aug 2023-Till Date

ADDITIONAL INFORMATION

Languages: (**Proficient**) Python, Java, HTML, CSS, PHP, SQL; (**Familiar**) JavaScript, C++

Technologies: Microsoft Office (Word, PowerPoint, Excel, Access), Visual Studio Code, GitHub