

Daniel Onyejekwe

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EDUCATION

Emory University

M.S. Computer Science

Atlanta, GA

Morgan State University

B.S. Computer Science, GPA: 3.8 (4.00 scale), Magna Cum Laude

Baltimore, MD

EXPERIENCE

Morgan State University, CEAMLS / TRAILS (NSF-funded)

Jun. 2026 – Present

Developer, GUARD Project — PI: Dr. Valerie Riggs

Baltimore, MD

- Built a 9-section site (HTML, CSS, JS, Flask) for GUARD, NSF-funded AI bias research, achieving a 95/100 accessibility score and cutting bias-flagged responses from 51% to 0%, toward a paper and Morgan State feature.

Morgan State University, Department of Computer Science

Jan. 2026 – May 2026

Teaching Assistant, Database Design

Baltimore, MD

- Guided 38 students through ER modeling, normalization, and SQL (DDL/DML), led review sessions, and provided feedback on database schema design and coursework, contributing to an 84% grade average.

Human-AI eXperience (HAX) Lab

May 2025 – May 2026

Undergraduate Researcher — Lab Director: Dr. Naja A. Mack

Baltimore, MD

- Led Icon History, using Flask, JavaScript, Claude API, and UI/UX design to develop an interactive museum with 7 rooms, 9 mini-games, and 2 AI chatbots, currently being prepared for usability testing.
- Developed Lyris, an AI music and poetry companion with 6 integrations (Spotify, Genius, TTS, image/song gen) and voice input, using Next.js, TypeScript, Claude API, and Firebase; contributing toward a future research paper.
- Developed and evaluated Collision Course, a VR concussion simulation using Unity, C#, and JSON with 30 screens, 2 quiz flows, 2 scenarios, and unit testing with 6 users, currently being prepared for usability testing.
- Mentored 1,500+ middle and high school students through CodeBears, developing mBot, computer vision, and machine learning lessons to expand STEM exposure for Baltimore youth.
- Supported the Inaugural HBCU Brain Drone Race, a historic first-of-its-kind HBCU event, through logistics, drone testing, calibration, and backup operator training, expanding BCI technology exposure to 250+ attendees.

PROJECTS

SENTINEL Presidential Decision Support System

Jan. 2026 – May 2026

Python, React, Vite, Google Cloud, FRED API | GitHub

- Unified a 5-person Agile team's features into a demo-ready presidential briefing system by building 7 of 37 AI agents, a live threat dashboard, and a global radar map.

SocialSense AI

Jan. 2026 – Apr. 2026

React, Vite, Supabase, Unity, Convai, Meta Quest 3, Web Speech API | GitHub

- Collaborated on a 4-person team to build a 1st place AI social coaching platform using React, Vite, Supabase, Unity, and Convai, with voice coaching, sentiment review, safe-zone heatmaps, and a Meta Quest 3 prototype.

Roar & Rhythm

Oct. 2025 – Present

PHP, MySQL, JavaScript | GitHub

- Developed a full-stack creative platform for Morgan State's MSU Poet Club community of 100+ members using PHP, MySQL, and JavaScript to support creative content sharing and engagement.

StepX Sneaker Store

Dec. 2024 – May 2025

PHP, MySQL, JavaScript | GitHub

- Built a full stack sneaker store using PHP, MySQL, JavaScript, HTML, and CSS with CRUD, 4 core features including cart and favorites, and dynamic account-based storage.

AWARDS

1st Place Winner, PROPEL Center Future of Tech Innovation Challenge (Mar. 2026); SCMNS Graduating Senior Honors Recognition (May 2026); Dean's List (7 semesters, Spring 2023 – Spring 2026)

EXTRACURRICULAR ACTIVITIES

Hackathons: BE Smart 2025, MorganHacks 2025/2026; CRA Research Showcase: Team lead and poster presenter; SACS: Member; NSBE: Member, 2026 attendee; ColorStack: Member.

TECHNICAL SKILLS

Languages: Python, Java, C#, JavaScript, TypeScript, PHP, SQL, HTML/CSS, Kotlin

Frameworks/Tools: React, Next.js, Flask, Expo, Vite, Unity, Node.js, Docker, Git, GitHub, VS Code, MAMP

Databases/Cloud/APIs: MySQL, Firebase, Supabase, Google Cloud, OpenAI API, Claude API, Linux/Bash