

Tireni D. Adekoya
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EDUCATION

Alabama A & M University Huntsville, AL
Bachelor of Science in Computer Science; **4.0/4.0**

SKILLS & SOFTWARE PROFICIENCIES

SKILLS: • Python • C ++ • MATLAB • Java • Solid Works • HTML • CSS • Java Script • React.Js • Video Editing

SOFTWARE: • Ms. Excel • Ms. Word • Ms. Access • Adobe Premier Pro

Relevant Coursework

- Programming II (C++) • Computer Aided Design • HTML • Data Structures (Python) • Engineering Programming (MATLAB)
- Object Oriented Programming

PROJECT EXPERIENCE

GITHUB- Personal Project

Winter 2023

Remote

- **Tinderly (Tinder Clone):** Currently creating a Tinder clone using HTML, CSS, and JavaScript. Demonstrated adeptness in front-end programming, emphasizing a keen eye for UI/UX design and responsive web development.

Fall 2023

Remote

- **Automated Downloads Cleanup:** Python Script to help Organize Downloads/ Desktop space for improved work efficiency and productivity with the help of Intelligent File Categorization, Operating System Module integration, Object Oriented Approach
- **Job Scraper:** Developed a Python script utilizing web scraping techniques with Beautiful Soup and requests to extract job listings from Times Jobs, allowing users to continuously monitor and filter out opportunities based on specified familiar skills.
- **Serpent SCUFFLE (Snake Game):** With the help of Pygame's versatile modules, Serpent SCUFFLE is a sleek snake game project that demonstrates Python's object-oriented programming and event handling capabilities, delivering an engaging gaming experience.

Spring 2023

Special Projects Lab - AAMU

Huntsville, AL

Powertrain , Brakes, and Electrical System Project - Formula SAE 2023

- Collaboratively developing brake and steering systems for formula vehicles.
- Applied expertise in mechanical design and fabrication to create custom brackets, reducing pressure on the gas pedal and enhancing vehicle performance and safety.
- Innovated and designed brake reservoir, mounting brackets, brake pedal, and chain protection system for drivetrain.
- Assembled steering wheel components and produced detailed animations of master cylinder and brake reservoir system.
- Designed and assembled critical components of the vehicle's regulator to ensure optimal performance.

WORK EXPERIENCE

Dec. 2023 – Feb. 2024

Esync Technologies

Alpharetta, GA

Software Development Engineering Intern (Quantum Computing)

- Successfully completed a self-paced, part-time internship program, specializing in Python for quantum computing.
- Acquired in-depth knowledge of IBM's Qiskit and its application in quantum computing.
- Demonstrated the ability to work independently and absorb complex concepts.

Mar. 2023 – Apr. 2024

AAMU Tutorial Assistance Network

Normal, AL

Computer Science Tutor

- Assisted undergraduate students with physics coursework by explaining concepts, providing examples.
- Communicated with supervising professor to track student progress and identify areas for improvement.
- Created and presented lesson plans and practice problems to support student learning.

May. 2023 – Aug. 2023

Hershey Entertainment and Resort Company

Hershey, PA

Leadership Development Internship.

- Work closely with experienced leaders within the organization to understand their leadership journeys and assist in mentoring.
- Analyzed data, collaborating with the team to provide data-driven recommendations for program enhancements.
- Provide recommendations for adjusting and optimizing leadership programs based on the identified business impact.

Spring 2023

Alabama A & M University

Huntsville, AL

Student Research Assistant

- Collaborating with PHD and master's research students on Cesium Hafnium Chloride fabrication and characterization.
- Developing and executing experimental protocols, collecting, and analyzing data, and presenting findings to the team.
- Enhancing knowledge of chemical fabrication, characterization techniques, and understanding of the scientific research process.