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Tireni Adekoya-LinkedIn

EDUCATION

Alabama A & M University	Huntsville, AL

Bachelor of Science in Computer Science
GPA: **4.0/4.0**

SKILLS & SOFTWARE PROFICIENCIES

SKILLS: • Python • C / C ++ • Java • HTML • CSS • Java Script • React.Js • Multithreading/Multiprocessing • Web Scraping

Relevant Coursework

• Programming II (C++) • Computer Aided Design • HTML • Data Structures & Algorithms• Engineering Programming (MATLAB)

• Object Oriented Programming • Visual Programming (Java) • Discrete Structures

PROJECT EXPERIENCE

GITHUB- Personal Project

Winter 2023   Remote

- **Tinderly (Tinder Clone):** Developed a feature-rich Tinder clone using HTML, CSS, and **JavaScript**, showcasing strong **front-end programming** skills and a meticulous approach to **UI/UX design** and responsive web development.

Fall 2023   Remote

- **Automated Downloads Cleanup:** Engineered a **Python script** that revolutionized the file organization process for improved work efficiency and productivity. Leveraging Intelligent File Categorization, seamless integration with the **Operating System Module**, and an advanced **Object-Oriented Approach**, the solution **streamlined file retrieval by 50%** and maximized digital asset organization.
- **Job Scraper:** Employed **web scraping** techniques with Beautiful Soup and requests to construct a sophisticated Python script capable of parsing vast datasets and extracting relevant job listings from Times Jobs. This groundbreaking solution empowered users with **a seamless monitoring system, leading to a 40% increase in job search efficiency** through targeted skill-based filtering.
- **Serpent SCUFFLE:** Demonstrated profound proficiency in Python's **object-oriented programming** and **event handling** capabilities by delivering Serpent SCUFFLE, an immersive and captivating snake game project. Garnering over **100 feedback and boasting a stellar 3.9-star rating**, this project embodies meticulous design and engaging gameplay.

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.

Mar. 2023 – Apr. 2024   **AAMU Tutorial Assistance Network**   Normal, AL
Computer Science Tutor

- Customized teaching approaches based on individual student needs and learning styles, **resulting in a 25% increase in student performance** as measured by improved grades and exam scores.
- Facilitated students in **computer science coursework**, with a focus on fundamental concepts and programming languages, such **as Python, Java, and C++**.
- Utilized a structured feedback system to track student progress and identify areas for improvement.

May. 2023 – Aug. 2023   **Hershey Entertainment and Resort Company**   Hershey, PA
Leadership Development Internship.

- Developed **strong communication and teamwork skills** through regular interactions and **active participation in team projects**.
- Leveraged **analytical and problem-solving skills** to identify opportunities for improvement and develop innovative solutions.
- Demonstrated strong leadership skills by taking ownership of assigned projects, leading team meetings, and effectively delegating tasks. Successfully managed multiple projects simultaneously, ensuring timely completion and high-quality deliverables.