Antoine Edwards

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EDUCATION

Bachelor of Science in Computer Science	Expected Graduation Date: May 2027
Alabama State University, Montgomery, AL	Cumulative GPA: 3.9

TECHNICAL SKILLS

Languages: Python, C++, HTML, SQL, CSS, JavaScript
Frameworks/Tools: React, Next.js, Flask, Git, Material UI, Firebase, RESTful API, TensorFLow, Adobe Creative Cloud

EXPERIENCE

Mathematical Association of America
Montgomery, AL   Math and Machine Learning Researcher   *May 2024-August 2024*

- Engineered solutions to enhance **large language models** using **back-propagation, gradient descent**, and propositional logic with **neural networks,** resulting in improved accuracy.
- Employed **Google Vertex** and **Google Co-Lab** to train a machine learning model for detecting and identifying animals in images and videos.
- Developed three-dimensional graphs for **graphical analysis** using **Python**.
- Collaborated with a research team to explore applications of the Hermite-Hadamard Theorem of inequalities by composing mathematical proofs.

Iconic Design Studios
Kingston, Jamaica   Graphic & Web Designer,   *June 2024-August 2023*

- Collaborated with team members to design and manage Iconic Design Studio's website using **HTML, CSS, JavaScript and React**, enhancing operational efficiency and driving sales growth.
- Developed and executed social media campaigns, crafting posts to effectively promote and market Iconic Design Studios.
- Partnered with team members to develop and maintain an **online ordering website** for Iconic Design Studios, transitioning from social media-based orders to **streamline processes** and **boost sales**.
- Implemented **user-centric features** to enhance engagement and improve overall user experience.

PROJECTS

FitFinder - AI Powered Outfit Finding App | *Python, Flask, Google Cloud Vision AI, OpenAI Vision*   **GitHub**
- Developing FitFinder, a web app that uses **Cloud Vision AI** to automatically identify clothing items in images.
- Utilizes **Python** to initiate the API's and **Flask** to create a web application with a user-friendly interface.

Pantry and Inventory Tracker | *Next.js, Material UI, Firebase*   **GitHub**
- Developed a web application to track, add and update inventory items.
- Utilized **Next.js and Material UI** for frontend components and **Firebase** backend for data storage.

CERTIFICATIONS

- **Responsive Web Design (HTML, CSS) -** freeCodeCamp
- **Python -** Kaggle

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

National Society of Black Engineers (2024-present); **W.E.B. Du Bois Honors Program:** Graphic and Web Designer (2024-present); **Google Developer's Club** (2023-present); **Jamaica Prefects' Association:** National Public Relations Officer (2022-23); **Passport to College:** Marketing Assistant (2023-present); **UNDP Youth Ambassador** (2022); **Alabama State University Interim Men's Soccer Team** (2023);

HONORS

Presidential Scholar at Alabama State University; Dean's List Award Recipient (2023,2024); W.E.B. Dubois Honors College Student at Alabama State University; SAC Education Trust Fund Scholarship Recipient (2016-2021); Passport to College Scholar (2023-present);