Monae Edmead

340-344-0110 | medmead@students.kennesaw.edu |

Education

Kennesaw State University — Kennesaw, GA
Bachelor of Science in Computer Engineering, Minor in Cybersecurity — *Aug. 2019 – May 2023*

Experience

IT Intern — June 2021 – Sept. 2021
Office of the Lieutenant Governor — *St. Thomas, VI*

- Delivered assistance and support for team-based IT projects.
- Helped IT team document core systems configurations, relevant passwords, and system access requirements.
- Replaced defective components and upgraded office equipment per technology plan.
- Backed up administrative departments in back file scanning and document management imports.
- Shadowed personnel to learn appropriate methods for solving customer issues and troubleshooting technical problems.

Student Assistant — Sept. 2020 – Current
Kennesaw State University — *Marietta, GA*

- Helped with administrative support by managing incoming calls, coordinating files, and sorting mail.
- Ordered and stocked office supplies to maintain available resources.
- Performed data entry and database management to accurately record information and protect data from unauthorized access.
- Backed up administrative departments in back file scanning and document management imports.

Projects

Smart Parking Garage | *PIR Sensors, RFID Sensor, Python, Raspberry Pi* — January 2023 – May 2023

- Worked in a group to create a system that counts the amount of vehicles in a parking garage that displays the information outside the garage for users to see.
- PIR sensors detects vehicle's direction and a RFID authenticates the driver in the vehicle.
- Raspberry Pi collects the data and sends it to AWS to be displayed on a website.

Handwriting Recognition System | *Raspberry Pi, Python, Camera, Sense Hat* — October 2022 – December 2022

- Using a camera connected to the Raspberry Pi, a Convolutional Neural Network determined the number on a piece of paper.
- Once the number was detected the value was displayed on the Raspberry Pi Sense hat.
- Used Keras to build a Convolutional Neural Network with over 90 percent accuracy.

Skills

Software: Java, Python, C/C++, JavaScript, CSS, HTML, Keras, PyTorch, Tensorflow, React, RestFul APIs, SQL, AWS
Hardware: Arduino, Raspberry Pi, BeagleBone Black

Classes

- Digital Logic Design
- Circuits Analysis 1
- Engineering Electronics
- Data Structures
- Computer Organization and Interfacing
- Advanced Embedded Systems
- C++ Programming for Engineers
- Computer Engineering Fundamentals
- Digital Logic Design
- Device Networks
- Data Collection and Analysis
- Network Security
- Neural Networks for Machine Learning
- VHDL Design with FPGAs