Monae Edmead

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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*
- Helped workers in the office troubleshoot problems they had with their computers
- Swapped out the hard drives in the office for better performance.
- Trained another intern.
- Completed other tasks when given.

Student Assistant — Sep. 2020 – Aug. 2022
Kennesaw State University — *Marietta, GA*
- Helped students find textbooks in the store.
- Answered the phone when needed.
- Answered customers' questions.
- Organize inventory.

Student Assistant — Aug. 2022 – Present
Kennesaw State University — *Marietta, GA*
- Direct traffic in the office.
- Answer the phone when needed.
- Help with events.

Projects

Detection Device / *Ultrasonic sensors, Arduino, Joystick, Passive Buzzer* — March 2022 – May 2022
- Used an ultrasonic sensor to detect the distance of an object.
- Connect the joystick to an Arduino to move the device using a servo motor.
- The passive buzzer would be activated if the object was within 10 cm of the device.

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.

Skills

Languages: Java, Python, C/C++, HTML, JavaScript
Hardware: Arduino, Raspberry Pi

Classes

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