

Monae Edmead

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Education

Kennesaw State University

Bachelor of Science in Computer Engineering, Minor in Cybersecurity

Kennesaw, GA

Aug. 2019 – May 2023

Experience

IT Intern

Office of the Lieutenant Governor

June 2021 – Sept. 2021

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

Kennesaw State University

Sep. 2020 – Aug. 2022

Marietta, GA

- Helped students find textbooks in store.
- Answered the phone when needed.
- Answered customers questions.
- Organize inventory.

Student Assistant

Kennesaw State University

Aug. 2022 – Present

Marietta, GA

- Direct traffic in 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.

Servo Motor Guessing Game / Servo Motor, C, Nucleo Discovery Board L476RG

January 2021 – May 2021

- Created a game that made users input the sequence that was pointed to on the game board.
- Used C to control the servo motor to move around the board.
- User inputted the sequence by pressing one of the buttons on the Nucleo Discovery Board a certain number of times for each number in sequence.

Skills

Languages: Java, Python, C/C++, HTML, JavaScript

Hardware: Arduino, Raspberry Pi

Classes

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|---------------------------|---|-------------------------------------|
| • Digital Logic Design | • Computer Organization and Interfacing | • C++ Programming for Engineers |
| • Circuits Analysis I | | |
| • Engineering Electronics | • Advanced Embedded Systems | • Computer Engineering Fundamentals |
| • Data Structures | | |
| • Client Systems Security | • Data Collection and Analysis | • Network Security |