

# Monae Edmead

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## Education

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### Kennesaw State University

*Bachelor of Science in Computer Engineering, Minor in Cybersecurity*

Kennesaw, GA

Aug. 2019 – May 2023

## Experience

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### 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 – Present

*Marietta, GA*

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

### Student Assistant

*University of the Virgin Islands*

June 2019 – August 2019

*St. Thomas, VI*

- Used Word and Excel to organize data in the office.
- Contacted students in the program about upcoming events.

## Projects

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### Traffic Light Programming / ICs, LED's, Breadboard

September 2020 – December 2020

- Modeled a 4-way traffic signal using ICs and LED's.
- Monitor the amount of cars in each lane to trigger a change in the traffic signal.

### 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 amount of times for each number in sequence.

## Skills

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**Languages:** Java, Python, C/C++

**Hardware:** Arduino, Raspberry Pi

## Classes

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|---------------------------|-----------------------------------------|-------------------------------------|
| • Digital Logic Design    | • Computer Organization and Interfacing | • C++ Programming for Engineers     |
| • Circuits Analysis 1     |                                         |                                     |
| • Engineering Electronics | • Advanced Embedded Systems             | • Computer Engineering Fundamentals |
| • Data Structures         |                                         |                                     |