

Ebere Ezeobi

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EDUCATION

Kennesaw State University | Marietta, GA.

Expected Graduation December 2025

B.S.E.E- Electrical Engineering

Cumulative GPA: 3.51/4.00

Minor in Mathematics and Finance

Coursework: Programming (HTML, CSS, C++, C, JS, Assembly Language), Circuit Analysis, Differential Equations, Calculus, Digital Systems, Semiconductors, Electronics. Control systems, Electric Machines, Signals and Systems

PROJECTS AND ACADEMIC MERITS

Projects

- **Digital Logic counter** – Built a digital counter using TTL ICs and a double seven segments display.
- **Personal Portfolio** – Using HTML, CSS, and light *JavaScript*, I created a professional portfolio to keep track of my projects.

Link to portfolio- <https://ebere-code.github.io/portfolio/>

- **Arduino Jump man Game** – Coded and built a simple game of jump man using the Arduino uno microcontroller.
- **Smart Thermostat Control System (Simulation Project)** - Designed and simulated a smart thermostat control system using PID controllers in MATLAB and Simulink. Analyzed system stability and performance through impulse, step, and Root Locus plots
- **FDA food recall finder (group project)** – Coded an online application that finds recalled FDA foods.

Link to app- <https://bnicp.github.io/recall-near-me/>

Academic Merits

- **Dean's List** Spring 2022
- **President's List** Spring 2024
- **Dean's List** Summer 2024

WORK EXPERIENCE

Lab Assistant | Kennesaw State. University | Marietta, GA

January 2024 – May 2023

- Worked alongside Engineering Professors to create an execute lesson plans.
- Improved freshman Intro Lab scores by 20% through group tutoring as well as supplementary tutoring.
- Received an average score of 9/10 on the anonymous tutor reviews given to students at the end of each semester.

SKILLS

- Microsoft Office Suite
- Programming
- Time Management

TECHNICAL SKILLS

- Microcontrollers (Arduino, raspberry pi, STM32 NUCLEO-L476RG)
- VHDL
-MATLAB/Simulink
-LTspice (circuit simulation software)
-Signal processing