

Johnera Miller

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Cell: (478) 391-8483

EDUCATION

Mercer University, Macon GA

Bachelor of Science in Electrical Engineering,

Expected Graduation date: May 2026

Relevant Coursework: Electric Circuit Analysis, Introduction to Electronics and Electrical Power, Dynamics & Thermodynamics, Digital Logic & Microcomputer Fundamentals, Signals & Systems, Electromagnetic Applications, Probability & Statistics for Engineering, Engineering Economy.

Study Abroad: Stockholm, Sweden

Gilman Scholarship Recipient

- Studied U.S. and Swedish healthcare systems, focusing on key differences.
- Engaged in discussions on Sweden's social policies and technology.
- Gained cross-cultural communication and adaptability skills.

PROJECTS

Mold Prevention Proposal, Spring 2023

- Collaborated with Team to propose a feasible solution to mitigate mold infestation in on-campus housing.
- Developed a research-based strategy to enhance student well-being and presented findings in a detailed report.

Catapult Project, Fall 2022

- Designed and built a catapult to optimize accuracy and precision using engineering principles.
- Tested and refined the design to enhance performance and meet project goals.

K'Nex Car, Fall 2022

- Engineered a K'Nex-based car to compete against opponents on an inclined track.
- Applied mechanical design principles to improve speed, stability, and performance.

WORK

EXPERIENCE

Walmart, Perry

Online Grocery Pickup Associate, Jan 2023- Current

- Applied problem-solving and data analysis to optimize order fulfillment efficiency.
- Used organizational and time management skills to manage multiple tasks in a high-demand environment

Undergraduate Admission Office, Mercer University

Student Worker, Current

- Provided administrative support, including answering phone calls and directing inquiries to the appropriate departments
- Assisted with sorting and managing mail, ensuring accurate distribution to staff and students
- Helped organize campus events and activities, contributing to smooth operations and a welcoming atmosphere for prospective students

LEADERSHIP

President, Black Women in STEM, Fall 2024 -present

- Lead and manage a student organization focused on empowering Black women in STEM
- Organized events and networking opportunities to support professional development
- Coordinated mentorship and internship programs with faculty and industry partners
- Increased membership and secured sponsorships to support initiatives

SKILLS

Software: Microsoft Office, MATLAB, Simulink, C++

Machines: Digital Oscilloscopes, Multimeters, Power Supplies, Soldering Equipment

Technical Skills: Circuit Design & Analysis, Power Systems, Control Systems & Automation

Tools: Circuit Simulation Software

Other: Technical Communication, Project Management, Problem Solving & Troubleshooting