

William R. Zimmermann

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SUMMARY OF QUALIFICATIONS

- Experienced in both hardware and software applications of electrical design.
- Skilled in a variety of design software, including Onshape, Python, Multisim, GitHub, and VSCode.
- Efficient at utilizing project management and teamwork skills to promote overarching goals.

EDUCATION

University of Georgia

Undergraduate, Electrical Engineering
Current Academic Standing

Athens, GA
August 2024 - Present
Cumulative GPA: 3.85/4.00

RELEVANT COURSEWORK

Fundamentals of Circuit Analysis | Informatics 2000 & 3000 | Logic Design | Fundamentals of Power Engineering | Programming Applications for Electrical Engineering | Electronics 1 | Electrical Engineering Design Methodology

SKILLS

Technical: Onshape, Python, VSCode, Arduino IDE, Git, Circuit Analysis, Multisim, Computer Building, Microcontroller Programming

Professional: Project Management, Technical Writing, Oral/Visual Presentation, Laboratory Procedures, Public Speaking

RELEVANT PROJECT EXPERIENCE

Group Project, *Electrical Engineering Design Methodology* January 2026 – April 2026

- Collaborated with 4 teammates to program and design a functional circuit workbench using only pre-approved parts and a Raspberry Pi 4.
- Designed a scrollable LCD UI, Ohmmeter, Internal and External Voltmeter, DC Voltage Reference, Frequency Measurement, and Function Generator (Square and Sine waves).
- Managed weekly deliverables and technical reports by dividing work effectively between smaller groups on our team based on technical qualifications and personal interest.

RELEVANT WORK EXPERIENCE

Publix

Grocery Clerk

Watkinsville, GA
March 2024 – Present

- Contributed weekly to the success of the highest-grossing Publix in the Atlanta Division despite being one of the smallest stores in the district.
- Demonstrated consistent reliability in the two most demanding and understaffed sub-departments.
- Performed at an “Exceeded Expectations” level on all my yearly evaluations despite working with very limited availability.
- Learned valuable lessons in task management, high-pressure situations, and working with others that have shaped my positive and efficient work ethic.

INVOLVEMENT EXPERIENCE

FIRST Technical Challenge / Robotics Club, *Co-Captain* | Bogart, GA

January 2024 – May 2024

- Co-Captain and Arm Operator for a small Robotics team that qualified for Regionals despite only having two months to build our robot.
- Served as the main hardware technician and designed the “double claw” arm system we primarily utilized.

UGA Circuits Tutor | Athens, GA

August 2025 – December 2025

- Tutored my circuits lab partner over the course of the semester during labs and in preparation for exams.
- Balanced teaching him weekly with my own fifteen-credit-hour course load and part-time job.

NOHS Titan Regiment, *Drumline Lieutenant* | Bogart, GA

August 2020 – May 2024

- Was voted to be a Drumline Lieutenant by my section and Band Director for my amiable personality and musical qualifications.
- Competed in several regional competitions and followed a rigorous weekly practice schedule for all four years.