



Ari Mendoza

Mendoza10@memphis.edu

SUMMARY

Upcoming graduate of ABET-accredited Bachelor's in Civil Engineering program.

SKILLS

- AutoCAD software
- Literature Review & Technical Research
- SketchUp
- Bluebeam Revu

EDUCATION

University of Memphis (2022 - Present), Memphis, TN

Bachelor of Science in Civil Engineering

Expected Graduation Date: May 2026

EXPERIENCE

Southeast Transportation Workforce Center (SETWC)

Transportation Research Assistant, January 2025 to Present

- Conducted study-level document review to assess the effectiveness, implementation, and cost-efficiency of transportation research projects.

University of Memphis-Department of Civil Engineering

Research Assistant, August 2024 to Present

- Conduct extensive literature reviews on educational technology trends and their impact on learning outcomes in higher education
- Gather and synthesize information on specific educational technologies to support research initiatives
- Assist in preparing research summaries and reports for faculty and academic publications

Grinder Taber & Grinder

Construction Intern, May 2024 to August 2024

- Supported in scoping project requirements, conducting phone calls with subcontractors, and contributing to cost estimation for bid proposals to achieve competitive package.
- Assisted senior superintendent in overseeing on-site construction, monitoring daily progress, and ensuring compliance with safety standards and regulations at the Memphis Hunt & Polo Club.



Devin Johnson

dtjhnsn4@memphis.edu

SKILLS

- Software and Tools: MATLAB, PSpice, AutoCAD
- Circuits and Systems: Multimeter, Oscilloscope, Power Systems
- Electrical Testing and Tools: Multimeter, Oscilloscope, Function Generator
- Documentation: Technical Writing, Schematic Drawing, Design Specifications

EDUCATION

University of Memphis (2021 - Present), Memphis, TN

Bachelor of Science Electrical Engineering

Expected Graduation Date: May 2025

EXPERIENCE

West Tennessee STEM Hub

Drone Event Coordinator, June 2021 to Present

- Oversaw the schedules of 80 undergraduate students, supervising their interactions with local community partners and schools for various STEM events and activities that support diverse STEM initiatives.
- Led local STEM education initiatives by collaborating with the school district and sharing essential knowledge with K-12 students in coding, robotics, biological sciences, chemistry experiments, and career pathways.
- Spearheaded the planning and execution of STEM-focused summer camps in partnership with local non-profit organizations, significantly enriching young minds in the community.

Kimley - Horn

Electrical Intern, Summer 2023 to Summer 2024

- Utilized AutoCAD to develop detailed plan sheets and complex electrical one-line diagrams for multiple projects.
- Employed AGI-32 Software to create detailed lighting plans, showcasing a strong commitment to producing exceptional designs for various lighting needs projects.
- Collaborated effectively with local utility companies to integrate pipelines into essential infrastructure, ensuring project integrity and optimal efficiency.



Averie Irons

ajirons@memphis.edu

SUMMARY

Upcoming graduate of ABET-accredited Bachelor's in Civil Engineering program.

SKILLS

- AutoCAD
- Civil 3D
- SAP2000
- Microsoft Office
- Communication
- Customer Service

EDUCATION

University of Memphis (2022 - Present), Memphis, TN

Bachelor of Science in Civil Engineering

Expected Graduation Date: May 2026

EXPERIENCE

Memphis Escape Rooms

Team Manager, December 2022 to Present

- Led a team to work efficiently under a tight schedule in a fast-paced environment while keeping a positive team culture.
- Used problem solving skills to identify and fix broken props and electronics within 15-20 minute windows.
- Trained new and continuing coworkers on tasks and roles.
- Responsible for phone calls and emails relating to customer questions and issues.

West Tennessee STEM Hub

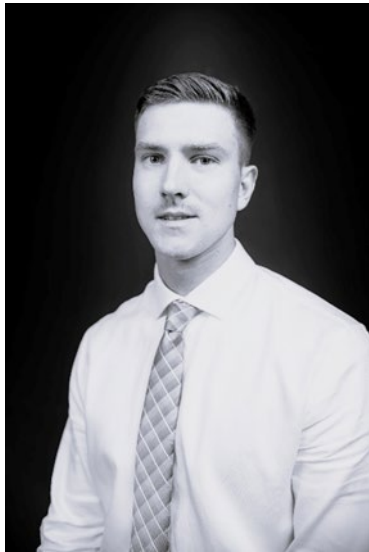
Stem Ambassador, October 2022 to December 2022

- Collaborated with another ambassador and a STEM teacher to create lesson plans for 3rd and 4th graders
- Utilized Arduino boards and Cubelets to provide problem-solving skills
- Assisted in teaching 25+ students the basics of Scratch coding

Fayette Academy

Office Assistant, August 2021 to May 2022

- Collected, sorted, and reported tuition payments and charity events



Joseph Rausch

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SUMMARY

Upcoming graduate of ABET-accredited Bachelor's in Civil Engineering program.

SKILLS

- Software and Tools:
 - AutoCAD
 - Bluebeam Revu
- Public Speaking

EDUCATION

University of Memphis (2021 - Present), Memphis, TN

Bachelor of Science Civil Engineering
Expected Graduation Date: May 2025

EXPERIENCE

Memphis Naval Reserve Officer Training Corps

Company CO, August-December 2023

- Directly in charge of the morale, discipline, training, administration, and performance of 71 Midshipman.
- Mentored the Company XO, Company OPS, Company Logistics Officer, Company Senior Chief, and the Company Gunnery Sergeant.
- Responsible for scheduling weekly meetings with the Active-Duty Staff to brief unit operations.

University of Memphis Endurance Team

Team Captain, January 2022-January 2024

- Created and led weekly workouts to train for races across the nation.
 - Competed in local 5ks, Spartan Races, and the 2023 Colorado Endurance Meet.

University of Memphis Rec Center

Lifeguard, January 2022-Present

- Responsible for the safety of all swimmers.

Community Leadership

Girls on the Run 5k Planning Committee Member Nov 2022-April 2024

- Assist and plan a semesterly 5k for elementary-middle school aged females in the Memphis area.
- Designed marketing signs for charity and funding events