

Ari

Mendoza

Mndoza10@memphis.edu

# SUMMARY

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

# SKILLS

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

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.

A person in a red jacket

AI-generated content may be incorrect.

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

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

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# SUMMARY

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

# SKILLS

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

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 fic 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

[Jerausch@memphis.edu](mailto:Jerausch@memphis.edu)

# SUMMARY

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

# SKILLS

* Software and Tools:
  + AutoCAD
  + Bluebeam Revu
* Public Speaking

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