

Shaman Garcia
shgarcia@umich.edu

EDUCATION

University of Michigan | Ann Arbor, MI

- Master of Science: Environmental Science (SEAS) Graduating May 2026
- Bachelor of Science: Environmental Science, Minor in Computer Science May 2024
- GPA: 3.5
- Relevant Coursework: Woody Plants, Ecosystem Management, Geospatial Data Science (ArcGISPro), Restoration Ecology, Programming in C++, Python, R,

PROFESSIONAL EXPERIENCE

University of Michigan PiTE | GSI – Restoration Ecology | Ann Arbor, MI

September 2024 – December 2024

- Facilitated weekly outdoor classes involving restoration practitioners.
- Managed course logistics, graded assignments, and maintained the class Canvas page.

University of Michigan PiTE | Teaching Assistant – Woody Plants | Ann Arbor, MI

September 2024 – December 2024

- Organized the Woody Plants wet lab by identifying and sorting weekly field samples, and responded to student questions regarding sample identification.
- Provided academic support by answering student inquiries and clarifying concepts.

Greenhills School | Robotics Instructor | Ann Arbor, MI

January 2023 – Present

- Guided high school students in designing, constructing, and programming competitive robots for the FIRST Robotics Competition.
- Facilitated teamwork and positive communication among students, significantly enhancing their engineering and social skills.

Freeman Environmental Educational Center | Volunteer Naturalist | Ann Arbor, MI

September 2023 – Present

- Helped lead environmental education programs, including fossil explorations, fire building and tree planting..

Jack's Hardware | Sales Manager | Ann Arbor, MI

May 2023 – November 2025

Conducted training programs for new employees, improving customer service efficiency.

- Enhanced customer satisfaction through effective relationship management
- Optimized inventory ordering, reducing overhead costs by 6%.

Ann Arbor YMCA Camp Algonquian | Ann Arbor, MI

Summers 2018 – 2022

- Leaders in Training Program Director (2022)
 - Led leadership development for groups of 30-40 teenagers per session.
 - Designed and executed team-building exercises, significantly improving participant collaboration and communication.
- Store Manager (2021)
 - Managed camp store operations, including inventory control and sales.
- Full Summer Staff (2020), Junior Staff (2019), Counselor in Training (2018)
 - Facilitated diverse activities fostering youth engagement and positive personal development.
- All Summers
 - Received Lifeguard and CPR/First Aid Certifications.

SKILLS

- Technical Skills: ArcGISPro, C++, R, SQL, CNC Machining, Metal Fabrication, Woodworking, Graphic Design
- Soft Skills: Outdoor Education, Team Management, Team Building, Environmental Education, Communication

CERTIFICATIONS

- Auto/Chauffeur/Taxi License, Michigan Department of State (Expires April 2027)