

TOM TIGER

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EDUCATION

University of Memphis, Memphis, TN
Bachelor of Science, Earth Sciences

Expected Graduation: May 2026

- GPA: 3.4/4.0
- Relevant Coursework: Geology, Environmental Science, GIS & Remote Sensing, Earth Materials, Hydrology, Climate Systems, Mineralogy, Oceanography

SKILLS

- Field & Lab: Soil/water sampling, rock/mineral ID, topographic mapping, GPS data collection
- Software: ArcGIS, QGIS, Microsoft Excel, Google Earth, R (basic), Adobe Illustrator

RELEVANT EXPERIENCE

University of Memphis, Memphis, TN

August – December 2024

Field Assistant – Environmental Science Class Project

- Collected and recorded 30+ soil and water samples for environmental assessment
- Mapped erosion zones using GPS equipment and came up with actionable recommendations for reducing runoff in high-risk trail areas
- Contributed to a final report that received departmental recognition for applied environmental research

City of Memphis Urban Fellows Program

June – August 2024

GIS Student Intern

- Assisted in updating 200+ geospatial datasets using ArcGIS and satellite imagery
- Mapped land use changes and contributed to a report on urban heat islands
- Supported team presentations by creating layered maps and data visualizations

CAMPUS INVOLVEMENT

University of Memphis – Earth Sciences Club, Memphis, TN
Member

September 2023 – Present

- Participated in fossil digs, cave exploration field trips, and guest lectures
- Helped organize Earth Day events promoting sustainability and conservation awareness

CERTIFICATIONS

- ArcGIS Online Fundamentals – Environmental Systems Research Institute(ESRI) 2024
- First Aid & CPR – American Red Cross 2023
- OSHA 10-Hour General Industry