**MARCO MARSHALL**

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Geology student with strong research skills in field mapping, mineralogy, and geospatial analysis. Experienced in geological fieldwork, data collection, and collaborative scientific investigations.

**SKILLS SUMMARY**

* Field techniques: geological mapping, rock sampling, stratigraphic analysis
* Laboratory: petrographic microscopy, mineral identification, sediment analysis
* Software: ArcGIS, RockWorks, Microsoft Excel, Google Earth
* Data analysis and scientific writing
* GPS navigation and topographic map reading

**EDUCATION**

Bachelor of Science, Geology Expected: May 2026

Marshall University Huntington, WV

GPA: 3.7

*Relevant Coursework: Mineralogy, Petrology, Sedimentology, Structural Geology, Geophysics, GIS for Geology, Hydrogeology, Environmental Geology*

**RESEARCH EXPERIENCE**

Marshall University Geology Department Huntington, WV

Undergraduate Research Assistant August 2023 – Present

* Conducted field studies on sedimentary rock formations, collecting and analyzing stratigraphic data.
* Utilized GIS software to map geological features and support spatial analysis.
* Collaborated with faculty on preparing research findings for presentation at regional geology conferences.

Appalachian Geological Survey Appalachian Region, WV

Undergraduate Field Research May 2023 – August 2023

* Participated in a multi-week field survey studying the lithology and structural features of regional formations.
* Collected and logged geological samples, conducted in-situ measurements, and created detailed field sketches.
* Assisted in correlating field data with regional geologic maps for broader geological interpretation.

**PROJECTS**

Capstone Project – Fault Line Mapping and Risk Assessment

* Mapped fault lines in the Appalachian region using GPS and GIS tools.
* Analyzed geological data to assess seismic risks and geological stability.
* Produced a detailed report and map set submitted to the Geology Department.

**CERTIFICATIONS**

* CPR/AED and First Aid Certified (2023)
* Field Safety and Wilderness First Aid (Expected August 2024)

**ACTIVITIES**

* Member, Geological Society of America (GSA)
* Member, Marshall University Earth Science Club