

George Stanley

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SUMMARY

Dedicated Geology student with hands-on experience in geotechnical projects and a strong foundation in geological mapping and data analysis. Familiar with Microsoft Office tools used for producing technical reports and geological documentation. Committed to developing practical skills through collaborative projects and academic initiatives, demonstrating a keen attention to detail and a passion for environmental geology that guides decision-making throughout coursework and fieldwork.

EDUCATION

Bachelor's Degree in Geology
University of Maryland GPA: 3.8
Coursework: Geological Mapping, Data Analysis, Environmental Geology, Geotechniques

2027
College Park, MD

TECHNICAL SKILLS

- **Office Applications:** Word, Excel, PowerPoint
- **Geographic Information Systems:** ArcGIS, QGIS, Google Earth
- **Database Management:** gINT, MS Access, SQL Server
- **Document Standards:** APA Style, Chicago Style, MLA Format
- **Presentation Tools:** Prezi, PowerPoint, Tableau
- **Field Equipment:** GPS, Compasses, Core Drills
- **Geological Software:** Petra, RockWorks, Surfer
- **Surveying Technologies:** Total Stations, Digital Levels, GPS Surveys
- **Reporting Tools:** LaTeX, MATLAB, SPSS
- **Sampling Techniques:** Soil Sample Kits, Rock Drill Kits, Water Testing Kits

SKILLS

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|--------------------------|----------------------------|------------------------|--------------------------|
| • Geological Mapping | • Technical Writing | • Provider Outreach | • Sampling Methodologies |
| • Data Analysis | • Team Collaboration | • Database Development | • Rock Classification |
| • Microsoft Office Suite | • Field Surveying | • Data Integration | • Soil Logging |
| • GIS | • Environmental Assessment | • Mapping Techniques | • Report Compilation |

EXPERIENCE

Geological Mapping Intern
University Project

June 2026 - August 2026
Annapolis, MD

As a Geological Mapping Intern, engaged in projects focusing on municipal sector initiatives, collaborating with engineering staff to translate geological information into actionable insights. This role required integrating technical talent with cross-functional teams in a supportive learning environment.

- Conducted site reconnaissance and mapped geological features supporting civil engineering projects.
- Assisted with soil and rock sample logging following industry quality and accuracy standards.
- Developed geological cross sections and profiles communicating subsurface conditions effectively.
- Compiled technical memoranda summarizing key findings to inform diverse project stakeholders.
- Collaborated with peers enhancing database management and GIS tool integration for accessibility.
- Participated in field surveys supporting drilling operations, ensuring compliance with safety regulations.

Research Assistant
Academic Research

September 2025 - May 2026
Annapolis, MD

Engaged as a Research Assistant, contributing to studies examining urban development's environmental effects on geology. Gained significant exposure to teamwork and research methodologies while collaborating with faculty and fellow students.

- Supported faculty-led research, analyzing data on urban impacts affecting local geological systems.
- Contributed to research papers via data analysis using Microsoft Excel aimed for publication.
- Helped prepare conference presentations incorporating team findings enriching the academic community.

- Participated in peer review sessions improving research quality through constructive feedback.
- Organized laboratory tests evaluating rock and soil for ongoing scholarly projects.
- Attended interdisciplinary meetings fostering collaboration between geological and environmental science fields.

Team Member - Geospatial Analysis

March 2026

Hackathon Project

Annapolis, MD

Contributed to an innovative team project, focused on leveraging GIS technology for urban planning applications. Collaborated in a competitive setting demonstrating adaptability and creative problem-solving skills.

- Worked collectively on web-based applications visualizing geological data critical for urban planning.
- Utilized GIS tools, creating dynamic maps depicting geological features alongside potential hazards.
- Presented outcomes to judges and peers, highlighting unique applications and receiving positive feedback.
- Executed user testing refining application functionality based on valuable end-user input.
- Documented processes generating comprehensive reports for future project guidance.
- Cultivated teamwork, effective communication, and project management abilities enhancing presentation skills.

LEADERSHIP & AWARDS

- Dean's List, University of Maryland - 2025, 2026
- First Place, Geology Hackathon - 2026

CERTIFICATIONS

- Microsoft Office Specialist Certification 📅 2026
- GIS Fundamentals Certification 📅 2026

PROFESSIONAL AFFILIATIONS

- Member, Geology Club, University of Maryland
- Volunteer, Environmental Clean-Up Initiative, Annapolis

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST