

Remington Lam

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SUMMARY

Driven Geology student currently advancing skills in geological research and data evaluation. Collaborated with senior faculty on mapping projects, producing accurate technical documents utilizing ArcGIS. Conducted fieldwork collecting soil samples and supporting health and safety measures. Experienced team collaborator managing complex project timelines while engaging actively in environmental appreciation initiatives. Eager to bring analytical acumen and innovative perspectives to geological projects. Proven ability to simplify intricate concepts for various audiences, fostering knowledge sharing within community outreach programs. Committed to contributing positively to both team dynamics and organizational goals.

EDUCATION

Bachelor's Degree in Geology 2026
University of Texas at Dallas GPA: 3.8 Dallas, TX
Coursework: Geological Principles, Resource Assessment, Environmental Impact Studies, Mining Engineering

TECHNICAL SKILLS

- Geographic Information Systems:** ArcGIS, QGIS, ERDAS
- Mining Software:** AutoCAD, MineSCAPE, Surpac
- Field Sampling Tools:** Drill Rigs, Core Loggers, Geological Hammers
- Analytical Techniques:** Geochemical Analysis, Mineralogical Assessment, Stratigraphy
- Project Management Tools:** Trello, Microsoft Project, Asana
- Health and Safety Standards:** OSHA Regulations, MSHA Guidelines, Risk Assessment Procedures
- Documentation Standards:** ISO 9001, CDC Recommendations, Technical Writing Best Practices
- Visualization Tools:** Tableau, Matplotlib, Excel Charts
- Report Writing Software:** Microsoft Word, Google Docs, Latex
- Surveying Techniques:** GPS Navigation, Theodolite, Total Station

SKILLS

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|-----------------------|------------------------|---------------------------|-----------------------------|
| • Geological Analysis | • Team Collaboration | • Resource Estimation | • Environmental Assessments |
| • ArcGIS | • Critical Thinking | • Safety Compliance | • Mapping Software |
| • AutoCAD | • Communication | • Project Management | • Research Methodologies |
| • Data Collection | • Fieldwork Techniques | • Technical Documentation | • Mining Standards |

EXPERIENCE

Geology Research Assistant January 2025 - Present
University Project Dallas, TX

Assisted in geological research initiatives focusing on studies related to ground materials and resource management. Collaborative experience enhancing communication with faculty and peers was crucial in executing mapping and analysis portfolios.

- Developed precise geological maps using ArcGIS for research applications.
- Conducted thorough fieldwork for soil sampling, aiding in resource estimation.
- Evaluated mining operational aspects through pit shell analyses and reporting.
- Compiled comprehensive reports outlining findings for academic presentations.
- Demonstrated adherence to health and safety protocols during all field activities.
- Initiated community outreach efforts educating youth about geology and ecology.

Capstone Project Developer September 2025 - May 2026
University Project Dallas, TX

Designed and managed a capstone that addressed environmental effects linked to mineral extraction processes. This role emphasized leadership in project execution, as well as technical skill enhancement in mining methodologies.

- Led drilling program development, ensuring alignment with environmental standards.
- Managed project timelines effectively, facilitating successful milestone achievements.

- Collaborated on troubleshooting procedural challenges and refining research techniques.
- Presented capstone findings at university conferences, receiving commendations.
- Utilized AutoCAD for drafting essential geological documentation.
- Conducted peer reviews to boost collaborative learning experiences.

LEADERSHIP & AWARDS

- Dean's List, University of Texas at Dallas - 2025
- First Place, Geology Hackathon - 2025

CERTIFICATIONS

- ArcGIS Certification 📅 2025
- OSHA 30-Hour Construction Safety and Health 📅 2026

PROFESSIONAL AFFILIATIONS

- Member, Geology Club at the University of Texas at Dallas
- Volunteer, Local Environmental Awareness Campaign

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST