



# Remington Lam

## Geology Intern

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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

University of Texas at Dallas 🎓 GPA: 3.8 📅 2026 📍 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

## EXPERIENCE

### Geology Research Assistant

University Project 📅 January 2025 - Present 📍 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

University Project 📅 September 2025 - May 2026 📍 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.

## STRENGTHS

- 💡 **Analytical Skills**  
Applied strong analytical abilities during soil sampling and reserve calculations. Observations provided insights integral to ongoing research efforts.
- 👥 **Teamwork**  
Collaborative spirit fostered robust dialogue with faculty and students. Peer interactions facilitated shared learning and project success.
- ⚙️ **Technical Proficiency**  
Skilled in using software like ArcGIS and AutoCAD. Developed technical outputs that received praise from providers in academia.
- 💬 **Effective Communication**  
Presented results of complex analyses simply, making geology comprehensible for diverse audiences. Communication strengthened community engagement efforts.
- 🛡️ **Commitment to Safety**  
Actively promoted health and safety practices during field investigations. Efforts created a secure environment essential for effective research.

## SKILLS

Geological Analysis   ArcGIS

AutoCAD   Data Collection

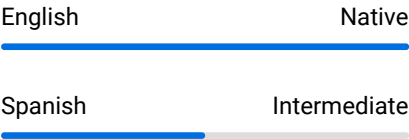
Team Collaboration

Critical Thinking   Communication

Fieldwork Techniques

- Resource Estimation
- Safety Compliance
- Project Management
- Technical Documentation
- Environmental Assessments
- Mapping Software
- Research Methodologies
- Mining Standards

LANGUAGES



MY CAREER



- Geology Research Assistant at University Project (1.6 Years)
- Capstone Project Developer at University Project (8 Months)

- 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

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST