

SEBASTIAN MARSHALL

ENTRY-LEVEL GEOTECHNICAL ENGINEER

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STRENGTHS

- Effective Communication**
Frequent interactions with faculty ensured clarity around project expectations expected involvement.
- Team Collaboration**
Working alongside diverse groups fostered effective brainstorming sessions and collective problem-solving.
- Analytical Thinking**
Depth in soil analysis led to better decision-making in testing scenarios during lab projects.
- Adaptability**
Flexibility demonstrated in switching between fieldwork and lab testing responsibilities increased efficiency.
- Strong Work Ethic**
Consistent engagement and dedication shown in projects anticipated exemplary deliverables throughout.

SKILLS

Geotechnical Analysis

Foundation Design

Soil Classification Microsoft Office

Project Scheduling

Field Observations Data Collection

Technical Writing

Team Collaboration

Communication Skills

Problem-Solving

Research Methodology

Laboratory Testing

SUMMARY

Dedicated civil engineering graduate ready to contribute to innovative geotechnical projects. Combines strong communication and teamwork skills with hands-on experience in geotechnical analysis, gained through academic projects and an internship. Proficient in Microsoft Office Suite and eager to enhance community infrastructure through meticulous foundation design and analysis. Committed to collaborating with diverse engineering teams to deliver quality results that support sustainable development and project compliance. Ready to embark on challenging projects that drive positive impacts while ensuring safety and efficiency in alignment with best practices.

EXPERIENCE

Geotechnical Engineering Analyst

University Project January 2025 – May 2026 Omaha, NE

Focused on geotechnical analysis within a collaborative student project. Engaged in drafting reports and applying soil stabilization techniques under simulation environments. Worked actively with peers on foundation design projects intended for hypothetical constructions.

- Conducted geotechnical analysis for a team project focused on soil stabilization techniques.
- Assisted in drafting comprehensive geotechnical reports detailing findings and recommendations.
- Collaborated with peers to design foundation solutions for hypothetical construction projects.
- Engaged in site observations and soil sampling to classify soil types under supervision.
- Utilized MS Office Suite to present project findings effectively.
- Participated in project scheduling, ensuring timely completion of all deliverables.

Research Assistant

Academic Research September 2024 – December 2025 Omaha, NE

Contributed significantly to research initiatives centered on soil mechanics and material properties. Gained depth in data collection, experimentation, and analytical methodologies. Collaborated with faculty to refine testing processes and documentation.

- Supported research on soil mechanics, contributing to significant data collection and analysis.
- Assisted in the preparation of research papers and presentations for academic conferences.
- Worked closely with faculty to develop methodologies for testing soil properties.
- Conducted essential experiments in laboratory settings adhering to strict safety protocols.
- Collaborated with a team leading to publication in peer-reviewed journals.
- Developed skills using advanced laboratory equipment and geotechnical testing methods.

Civil Engineering Intern

Internship June 2024 – August 2024 Remote

Assisted in evaluating project sites and current conditions, supporting senior engineers in project parameters. Gained firsthand experience in drafting critical design documentation and engaging deeply with team processes.

- Assisted senior engineers in evaluating site conditions for civil engineering projects.
- Participated in the drafting of design documents and project proposals.
- Conducted field visits collecting data and assisting in soil classification tasks.
- Engaged in team meetings providing insights on project challenges and solution strategies.
- Gained practical experience in project management practices and relevant engineering standards.
- Enhanced proficiency in industry-related technical software tools.

Safety Protocols

Time Management

LANGUAGES

English Native

Spanish Proficient

MY CAREER



● Geotechnical Engineering Analyst at University Project (1.3 Years)

● Research Assistant at Academic Research (1.2 Years)

● Civil Engineering Intern at Internship (2 Months)

LEADERSHIP & AWARDS

- Achieved Dean's List recognition for academic excellence during multiple semesters.
- Received the Best Project Award at the annual university engineering showcase.

EDUCATION

Bachelor's Degree in Geotechnical Engineering

University of Nebraska Omaha 🎓 GPA: 3.8 📅 2026 📍 Omaha, NE

Coursework: Soil Mechanics, Foundation Design, Engineering Mathematics, Structures Analysis

CERTIFICATIONS

- Engineer Intern Certificate (EI) 📅 2026
- First Aid/CPR Certification 📅 2025

TECHNICAL SKILLS

- **Engineering Software:** AutoCAD, MATLAB, SAP2000
- **Data Analysis Tools:** Excel, SPSS, R
- **Research Methodologies:** Experimental Design, Statistical Analysis, Data Interpretation
- **Presentation Tools:** PowerPoint, Google Slides, Adobe Illustrator
- **Technical Writing Tools:** Microsoft Word, LaTeX, Notion
- **Survey Equipment:** Total Station, GPS, Soil Sampler
- **Geotechnical Software:** GeoStudio, PLAXIS, LPILE
- **Drafting and Modeling Software:** SketchUp, Revit, Rhino
- **Collaboration Platforms:** Slack, Trello, Asana
- **Laboratory Equipment:** Compaction Test Apparatus, Cone Penetrometer, UCS Test Machine

PROFESSIONAL AFFILIATIONS

- Active member of American Society of Civil Engineers (ASCE).
- Volunteer in local community engineering projects promoting sustainable practices.

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST