Brianna Kramer

Geotechnical Engineer

(501) 555-1234 brianna.kramer@email.com linkedin.com/in/briannakramer Little Rock, AR 72201

STRENGTHS

Client Service Advocate
Fostered positive relationships with clients by actively listening and responding to their needs, making every interaction impactful.

Analytical Thinker
Approached complex geotechnical challenges by employing critical thinking, resulting in effective solutions tailored to specific project demands.

Team-Oriented
Collaborated efficiently across diverse teams, consistently contributing valuable insights that enhanced group dynamics and project delivery.

Detail-Focused
Delivered high-quality results by concentrating on pivotal details in geotechnical processes, ensuring safer and more reliable designs.

Adaptability
Showed flexibility in adjusting schedules and approaches to meet evolving project deadlines, earning peer recognition for resilience.

SKILLS

Geotechnical Modeling | Soil Testing | Project Management | Technical Writing | Geostudio | LPile | Field Investigations | Data Interpretation | Communication | Collaboration | Regulatory Compliance | Material Testing | Instrumentation Setup | Cost Estimation

SUMMARY

Enthusiastic Geotechnical Engineer equipped with practical knowledge from academic studies and projects in civil engineering, specializing in geotechnical matters. Skilled in conducting soil investigations, implementing geotechnical modeling software, and carrying out testing to support robust field analysis. Committed to teamwork while achieving project objectives, problem-solving efficiently, and maintaining clear communication for client satisfaction. Proven to complete assignments with a focus on high standards of safety and accuracy. Aligned with innovative practices that advance engineering solutions and enhance service quality.

EDUCATION

Bachelor's Degree in Civil Engineering

University of Arkansas GPA: 3.8 2026 Little Rock, AR

Coursework: *Soil Mechanics, Structural Analysis, Fluid Mechanics, Foundation Design*

TECHNICAL SKILLS

- **Geotechnical Software:** Geostudio, LPile, BoreDM, FLAC, gINT
- **Testing Methodologies:** Cone Penetrometer Testing, Soil Sampling, Rock Drilling
- **Reporting Tools:** MS Word, MS Excel, PowerPoint
- **Project Management Techniques:** Agile, Waterfall, Scrum
- **Safety Standards:** OSHA Regulations, ISA Standards, ACI Codes
- **Design Principles:** Deep Foundations, Slope Stabilization, Earth Retention Structures
- **Site Investigation Tools:** Surveying Equipment, GPS, Leveling Instruments
- **Analytical Methods:** Finite Element Analysis, Numerical Modelling, Risk Assessment
- **Field Instrumentation:** Strain Gauges, Piezometers, Inclinometers
- **Client Communication:** Interpersonal Skills, Presentation Skills, Documentation Skills

EXPERIENCE

Geotechnical Engineering Intern

University Research Lab June 2025 - Present Little Rock, AR

Contributed key initiatives within the geotechnical engineering team focused on research and fieldwork requirements. Supported various projects aimed at delivering insightful geological assessments through skilled data collection and analysis.

- Conducted thorough soil and rock investigations utilizing drilling and cone penetrometer testing to gather essential data.
- Assisted in preparing detailed project plans and technical reports, which supported successful presentation outcomes.
- Performed in-laboratory material testing to inform design outputs related to slope stability and foundational integrity.
- Provided comprehensive field support during investigations, ensuring rigorous compliance with safety regulations.
- Collaborated closely in cross-functional teams, emphasizing client-service principles to uplift project deliverables.
- Utilized advanced geotechnical software such as Geostudio and LPile for critical analysis and milestone achievement.

Research Assistant

Academic Research September 2024 - May 2025 Little Rock, AR

Supported institutional research efforts, focusing on advanced soil mechanics relevant to geotechnical applications. Played a key role in fostering a collaborative environment to drive meaningful insights from geotechnical investigations.

- Assisted with an investigative project concerning dam engineering, which involved collecting and analyzing literature aligned with experimental protocols.

Design Specifications

Slope Stability Analysis

LANGUAGES

English Native

MY CAREER

- Geotechnical Engineering Intern at University Research Lab (1.2 Years)
- Research Assistant at Academic Research (8 Months)

- Oversaw instrument installations designed for monitoring soil behavior during hands-on experiments, fostering insights into performance metrics.
- Actively participated in team discussions regarding project status, ideas, and dissemination of findings for higher quality research.
- Created effective presentation materials capturing research summaries for academic gatherings and enhancing community engagement.
- Engaged with external networks to acquire feedback, aligning project goals with industry best practices.
- Helped develop a comprehensive report integrating methodologies, documented findings, and proposed follow-up recommendations.

LEADERSHIP & AWARDS

- Dean's List, University of Arkansas (2024, 2025)
- First Place, Annual Engineering Design Competition (2025)

CERTIFICATIONS

- Geotechnical Engineering Fundamentals Certificate 2026
- OSHA 10-Hour Safety Training 2026

PROFESSIONAL AFFILIATIONS

- Member, ASCE Student Chapter (2025 - Present)
- Volunteer, Habitat for Humanity (2024 - Present)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST