

August Strickland

Civil Engineer

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SUMMARY

Driven Civil Engineer with a Bachelor's in Civil Engineering from an ABET accredited program. Skilled in civil engineering design for infrastructure projects, focusing on pipelines and pump stations. Proficient in CAD Civil 3D and knowledgeable about midstream oil and gas practices. Adept at collaborating within multi-disciplinary teams to deliver high-quality, innovative solutions. Demonstrates excellent communication skills and the ability to adjust based on project needs.

EDUCATION

B.S. in Civil Engineering

University of Colorado Boulder  GPA: 3.7  2026  Boulder, CO

Coursework: Structural Analysis, Fluid Mechanics, Soil Mechanics, Environmental Engineering

TECHNICAL SKILLS

- **CAD Software:** AutoCAD, CAD Civil 3D, MicroStation
- **Engineering Practices:** Site Grading, Drainage Design, Culvert Sizing
- **Project Management Tools:** Trello, Asana, Microsoft Project
- **Data Analysis Tools:** MATLAB, R, Python
- **Sustainability Techniques:** LEED Standards, Environmental Impact Assessment, Green Building Design
- **Documentation Standards:** NCEES Standards, AASHTO Guidelines, ISO Regulations
- **Quality Assurance:** Risk Assessments, Peer Reviews, Compliance Audits
- **Communication Tools:** Microsoft Teams, Slack, Zoom
- **Surveying Equipment:** Total Station, GPS, Leveling Instruments
- **Presentation Software:** Microsoft PowerPoint, Google Slides, Prezi

SKILLS

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|----------------------------|-----------------------------|---------------------------|---------------------------|
| • CAD Civil 3D | • Team Collaboration | • Field Surveying | • Project Management |
| • Site Grading | • Technical Documentation | • Technical Presentations | • Engineering Software |
| • Drainage Analysis | • Hydraulic Analysis | • Report Preparation | • AutoCAD |
| • Civil Engineering Design | • Environmental Assessments | • Midstream Compliance | • Regulatory Coordination |

EXPERIENCE

Civil Engineering Intern

University Project  January 2025 - May 2026  Denver, CO

Provided civil engineering design support in the development of pipeline projects focusing on site grading and drainage integration. Collaborated effectively within multidisciplinary teams, ensuring adherence to industry standards through productive engagement in design sessions.

- Assisted in designing and analyzing a midstream pipeline project, concentrating on site grading and drainage strategies.
- Collaborated with engineering peers using CAD Civil 3D to produce detailed plans that met compliance requirements.
- Conducted field surveys yielding data essential for culvert sizing and balancing cut and fill operations.
- Generated project reports and documentation, improving presentation capabilities during multiple assessments and updates.
- Participated actively in design meetings, contributing valuable insights on project scopes and technical specifications.
- Engaged in team peer reviews, enhancing overall project quality and boosting collaborative efficiency.

Research Assistant

University Research Lab  September 2024 - December 2025  Denver, CO

Supported research on sustainable civil engineering methodologies, emphasizing environmental impact assessments for pipeline designs. Analyzed key drainage factors using advanced software tools while engaging with local agencies to promote regulatory compliance.

- Conducted research focusing on sustainability in civil engineering, especially regarding pipeline environmental impacts.
- Utilized analytical software to assess and optimize drainage designs, presenting potential improvements for water management.
- Compiled data from various studies, refining processes to enhance public visibility and academic discussion.
- Aided in grant proposal preparation bolstering funding opportunities for advanced lab initiatives and collaborations.
- Coordinated with governmental agencies ensuring alignment of research activities with environmental regulations.
- Developed comprehensive technical documents and presentations for major academic conferences, showcasing results and insights.

LEADERSHIP & AWARDS

- Dean’s List, University of Colorado Boulder, 2024-2026
- First Place, Engineering Design Competition, 2025

CERTIFICATIONS

- Fundamentals of Engineering (FE)  2026

PROFESSIONAL AFFILIATIONS

- Member, Civil Engineering Society, University of Colorado Boulder
- Volunteer, Habitat for Humanity, Denver, CO

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST