

Nevaeh Gross

📞 (303) 555-0198 ✉️ nevaeh.gross@example.com

🌐 linkedin.com/in/nevaehgross 📍 123 Maple St, Denver, CO 80220



SUMMARY

Passionate about turning engineering theories into real-world solutions. Enthusiastic Civil Engineering student, eager to contribute to impactful projects that shape communities. Through hands-on experiences and collaborative academic works, developed a strong foundation in design principles and construction methods, boosting knowledge of regulatory compliance and safety standards. Proficient in Microsoft Office tools, AutoCAD, and GIS applications. Committed to applying skills towards enhancing infrastructure and sustainability in community-oriented projects.

EDUCATION

Bachelor's Degree in Civil Engineering
University of Colorado Boulder GPA: 3.8
Coursework: Structural Engineering, Environmental Engineering, Hydrology, Transportation Engineering

2026
Boulder, CO

TECHNICAL SKILLS

- **Design Software:** AutoCAD, Revit, SketchUp
- **Project Management Tools:** Excel, Trello, Microsoft Project
- **Data Analysis Tools:** MATLAB, SPSS, Python
- **Engineering Standards:** AISC, ACI, ASCE
- **Surveying Equipment:** Total Station, GPS, Leveling Instruments
- **Field Inspection Techniques:** Checklist Development, Quality Control, Reporting
- **Safety Certifications:** OSHA, CPR, First Aid
- **Communication Tools:** MS Teams, Zoom, Slack
- **Regulatory Compliance:** NEPA, Clean Water Act, ADA
- **Environmental Consulting:** Impact Assessments, Land Use Planning, Site Remediation

SKILLS

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|----------------------------|----------------------------|------------------------|------------------------|
| • Civil Engineering Design | • Data Analysis | • Surveying Techniques | • Collaboration |
| • Microsoft Office Suite | • Project Management | • Safety Protocols | • Urban Development |
| • AutoCAD | • Environmental Compliance | • Documentation Skills | • Building Codes |
| • GIS Software | • Construction Observation | • Site Inspections | • Community Engagement |

EXPERIENCE

Civil Engineering Intern
University Project

January 2026 - Present
Remote

Engaged collaboratively in diverse civil engineering projects focused on sustainability and community development. Gained exposure to design methodologies and construction processes, teaming with peers to turn theoretical concepts into feasible solutions. Developed critical thinking around the application of engineering principles in practical scenarios, ensuring project success through teamwork and effective communication.

- Collaborated with students to design a sustainable drainage system for a local community, integrating environmental factors.
- Conducted field inspections assessing existing drainage, creating detailed reports on improvements and safety standards.
- Utilized AutoCAD for crafting precise design plans following local regulations.
- Presented findings to faculty, receiving recognition for communication clarity and thoroughness.
- Assisted in implementing safety protocols during field studies, ensuring compliance with standards.
- Created technical documentation for educational purposes and future reference.

Research Assistant
Academic Research

September 2025 - December 2025
Remote

Contributed to research initiatives critical for understanding urban development impacts on water resources. Worked under faculty guidance, demonstrating analytical expertise while partnering with peers and community stakeholders for enhanced outcomes.

- Supported faculty-led projects focusing on urban development's impact on water through data collection and analysis.
- Analyzed data with statistical software, identifying trends relevant to engineering practices.
- Prepared research papers for academic conferences, enhancing presentation abilities.

- Engaged with community members driving research relevancy and stakeholder connection.
- Executed literature reviews aligning project direction with current engineering insights.
- Developed innovative community-supported solutions addressing water resource challenges.

Project Developer

January 2025 - May 2025

Capstone Project

Remote

Led a team in developing plans for an eco-friendly park, merging engineering practices with community input for positive impact. Successfully driven by collaboration, the project exemplified sustainable engagements that benefit public spaces.

- Designed conceptual plans and managed timelines ensuring quality and task completion.
- Utilized GIS software to assess land use and analyze environmental implications.
- Involved local residents using surveys to refine project’s vision and features.
- Produced comprehensive project reports outlining decisions and community advantages.
- Showcased final project to industry professionals, commended for creativity and feasibility.
- Facilitated project stages fostering a successful conclusion aligned with stakeholder expectations.

LEADERSHIP & AWARDS

- Dean's List, University of Colorado Boulder (2024, 2025)
- Recipient of the Engineering Excellence Scholarship (2025)

CERTIFICATIONS

- CPR and First Aid Certified 📅 2026
- OSHA 10-Hour Construction Safety Certification 📅 2026

PROFESSIONAL AFFILIATIONS

- Member of the Civil Engineering Society, University of Colorado Boulder (2024 – Present)
- Volunteer, Habitat for Humanity, Denver Chapter (2023 – Present)

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST