

Andres Contreras

Civil Engineering Designer

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STRENGTHS

- 🗣 **Effective Communication**
Skillfully reported project updates and proposals, gaining trust from clients and peers alike.
- 👥 **Team Collaboration**
Cultivated a supportive environment where insights flourished, resulting in elevated project quality.
- 🔄 **Adaptability**
Embraced new technologies and methods, always eager to enhance existing practices in sustainable design.
- 🔧 **Technical Precision**
Provided meticulous reviews of design drafts, leading to increased accuracy in engineering documentation.
- 💡 **Creative Problem Solving**
Developed innovative solutions for reducing environmental impact in project designs, creating lasting value.

SKILLS

AutoCAD Civil3D

Construction Document Preparation

Utility Design

Environmental Protection

Team Collaboration

Technical Communication

Sediment Control Traffic Planning

Infrastructure Design

Stormwater Management

Regulatory Compliance

Stakeholder Engagement

Site Assessment Data Analysis

SUMMARY

Committed Civil Engineering professional with over 2 years in infrastructure design and development, recognized for preparing precise construction documents and designing utility systems. Collaboration within fast-paced teams leads to success, showing dedication to continuous learning and growth. Proficient in AutoCAD and Civil3D, strong communication skills foster productive team relationships, enhancing project outcomes. Eager to leverage experience at Innovative Engineering Solutions, delivering innovative designs that meet client needs while adhering to regulatory requirements.

EXPERIENCE

Civil Engineering Designer

Innovative Engineering Solutions 📅 June 2025 - Present 📍 Fort Mill, SC

Serve as Civil Engineering Designer, developing plans and construction documents for infrastructure projects. Collaborate effectively with diverse teams, contributing toward sustainable urban environments through innovative design solutions.

- Lead design and preparation of construction documents for roadways and drainage infrastructure.
- Collaborate within multidisciplinary teams, ensuring compliance with specifications and regulations.
- Enhance environmental protections through sediment and erosion control planning.
- Design water and sanitary sewer utilities, optimally improving local service delivery.
- Implement traffic control plans that enhance safety and efficiency during construction.
- Engage with clients to present designs, refining them based on feedback.

Junior Civil Engineer

Urban Development Group 📅 August 2023 - May 2025 📍 Rock Hill, SC

Assisted in civil engineering design projects focused on stormwater management and infrastructure enhancements. Engaged actively with stakeholders to ensure effective project execution.

- Aided in the development of project plans for stormwater and infrastructure initiatives.
- Drafted engineering solutions utilizing AutoCAD and Civil3D, maintaining high accuracy.
- Conducted site visits gathering essential data, influencing design decisions.
- Supported senior engineers in technical report preparation, ensuring complete regulatory alignment.
- Facilitated seamless communication among team members, optimizing workflow.
- Participated in hands-on training, promoting professional development and skill advancement.

LEADERSHIP & AWARDS

- Recipient of the Excellence in Engineering Award 2025 at Innovative Engineering Solutions for outstanding project delivery.
- Recognized for Team Leadership Award at Urban Development Group for effective collaboration on complex projects.

EDUCATION

Bachelor's Degree in Civil Engineering

University of North Carolina at Charlotte 🎓 GPA: 3.7 📅 2026 📍 Charlotte, NC

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

LANGUAGES

English Native

Spanish Proficient

MY CAREER



2.8
YEARS

● Civil Engineering Designer at Innovative Engineering Solutions (1.1 Years)

● Junior Civil Engineer at Urban Development Group (1.8 Years)

CERTIFICATIONS

- EIT Certification 📅 2025

TECHNICAL SKILLS

- **Design Software:** AutoCAD,Civil3D,SketchUp
- **Project Management Tools:** Trello,Asana,Miro
- **Presentation Software:** Microsoft PowerPoint,GIMP,Adobe InDesign
- **Collaboration Platforms:** Slack,Microsoft Teams,Zoom
- **Documentation Tools:** Microsoft Word,Google Docs,SharePoint
- **Surveying Equipment:** Total Station,Level,Theodolite
- **Modeling Software:** Revit,ETABS,SAP2000
- **Job Site Safety Standards:** OSHA,ANSI,LEED
- **Regulatory Frameworks:** NEPA,Clean Water Act,State Regulations
- **Field Investigation Techniques:** Geotechnical Testing,Traffic Studies,Aerial Surveys

PROFESSIONAL AFFILIATIONS

- Active Member of the American Society of Civil Engineers (ASCE), staying updated with industry standards.
- Part of University Civil Engineering Club, participating in community outreach and educational workshops.

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST