

# Daniel Brewer

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## SUMMARY

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Dynamic civil engineer with over 10 years in environmental engineering, focusing on solid waste management systems. Proven ability to lead high-caliber teams, guiding complex projects towards sustainable solutions. Expertise spans regulatory compliance, engineering design reports, and innovative waste facility designs. Strategic and proactive, experienced in cultivating client relationships and identifying new project opportunities. Skilled mentor dedicated to developing future leaders in engineering. Excited about making a tangible difference in promoting sustainability and effective resource management.

## EXPERIENCE

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### Senior Civil Engineer

January 2020 - Present

Innovative Engineering Solutions

*Austin, TX*

Leading teams in waste management projects, ensuring compliance and streamlining processes. Works on large-scale engineering projects for diverse clients while enhancing team capabilities through strategic mentoring.

- Spearhead design initiatives for waste management facilities, improving project turnaround by implementing advanced engineering practices.
- Enhance collaboration among teams, directing construction quality assurance efforts to align with stringent regulations and client standards.
- Prepare compelling proposals and reports that secure new projects, contributing significantly to the organization's growth targets.
- Facilitate interactions with clients and regulatory agencies, maintaining transparency and fostering trust throughout project execution.
- Mentor junior engineers, providing them with guidance and actionable insights to help shape their careers and contribute effectively to projects.
- Conduct thorough reviews of project budgets and resource allocation, ensuring profitability and efficient use of organizational resources.

### Civil Engineer

June 2015 - December 2019

GreenTech Engineering

*Dallas, TX*

Designed stormwater management systems to enhance resilience against flooding in municipalities. Collaborated closely with clients to meet community needs and regulatory standards.

- Engineered and executed stormwater management projects, achieving significant improvements in flood mitigation strategies for community safety.
- Collaborated across disciplines to craft integrated waste containment systems tailored to site-specific requirements and regulatory guidelines.
- Conducted detailed field evaluations to align project requirements with real-world constraints, ensuring feasibility and sustainability.
- Developed critical permitting documents under tight timelines, demonstrating strong knowledge of local and federal regulations.
- Facilitated informative client meetings, presenting technical updates and engaging stakeholders in meaningful dialogues about project objectives.
- Participated actively in defining project timelines and scopes, contributing to successful alignment with client vision and regulatory compliance.

### Junior Civil Engineer

August 2012 - May 2015

EcoSolutions Group

*San Antonio, TX*

Supported senior engineers during environmental project phases, primarily focusing on landfill gas management and adherence to environmental compliance measures.

- Assisted in the conceptualization and analysis of landfill gas systems, directly contributing to enhanced environmental stewardship efforts.
- Conducted comprehensive site assessments, delivering research findings that shaped project development plans and informed stakeholder decisions.
- Produced rigorous engineering documentation, ensuring clarity and compliance with engineering standards for effective construction outcomes.
- Worked collaboratively in multidisciplinary teams, innovating solutions to complex environmental problems across various projects.
- Participated in audits concerning regulatory compliance, strengthening project adherence to established legal requirements.
- Engaged in preparatory sessions for key presentations, enhancing stakeholder engagement through clear communication and logical arguments.

## LEADERSHIP & AWARDS

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- Dean's List, University of Texas at Austin (2010, 2011)
- Recipient of the Civil Engineering Excellence Award (2012)

## EDUCATION

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### Bachelor of Science in Civil Engineering

2012

University of Texas at Austin GPA: 3.8

Austin, TX

*Coursework: Fluid Mechanics, Structural Analysis, Environmental Engineering, Geotechnical Engineering*

## CERTIFICATIONS

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- Licensed Professional Engineer (PE) 📅 2013
- Certified Environmental Engineer 📅 2015

## TECHNICAL SKILLS

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- **Project Management Tools:** Trello, Asana, JIRA
- **Design Software:** AutoCAD, Civil 3D, Revit
- **Regulatory Frameworks:** EPA Guidelines, State Regulations, Local Zoning Laws
- **Quality Assurance Programs:** ISO Standards, Six Sigma, Lean Principles
- **Data Analysis Tools:** Excel, MATLAB, R
- **Presentation Tools:** PowerPoint, Google Slides, Prezi
- **Field Assessment Instruments:** Total Station, GPS Technology, Soil Testing Kits
- **Engineering Reports Tools:** MS Word, LaTeX, AutoCAD Docs
- **Communication Platforms:** Slack, Microsoft Teams, Zoom
- **Surveying Technologies:** Hydrographic Surveying, Geo-referencing Techniques, GIS Software

## SKILLS

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|--------------------------------|----------------------------------|-----------------------------------|---------------------------|
| • Project Management           | • Microsoft Office Suite         | • Stormwater Systems Design       | • Field Investigations    |
| • Waste Management Engineering | • Engineering Design Software    | • Landfill Gas Management         | • Technical Documentation |
| • Regulatory Compliance        | • Construction Quality Assurance | • Client Engagement               | • Site Assessments        |
| • Team Leadership              | • Proposal Development           | • Interdisciplinary Collaboration | • Mentoring               |

## PROFESSIONAL AFFILIATIONS

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- Member, Texas Society of Professional Engineers
- Volunteer, Habitat for Humanity

## LANGUAGES

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- English (Native)
- Spanish (Intermediate)

## ADDITIONAL INFORMATION

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

## REFERENCES

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AVAILABLE ON REQUEST