

Zayd Willis

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SUMMARY

Dedicated Civil Engineer with over 12 years of experience in land development projects, specializing in stormwater management and site planning. Proficient in leading teams and managing complex project deliverables while ensuring compliance with local regulations. Proven ability to build and maintain client relationships, delivering technical presentations in public forums. Actively contributed to municipal approvals, guiding junior engineers through project phases from concept to construction documents. Experienced in developing strong client partnerships, identifying new business opportunities, and presenting at public meetings, ensuring all stakeholders are effectively engaged throughout project lifecycles.

EXPERIENCE

Senior Civil Engineer

January 2020 - Present

BlueSky Engineering Group

Jersey City, NJ

Oversaw a range of land development projects, leading a dynamic team of engineers while ensuring quality and compliance at every stage. Facilitated communications with clients and municipalities, serving as a key representative for the firm.

- Provided mentorship to junior engineers, fostering a collaborative and growth-oriented environment.
- Managed stormwater design projects, ensuring adherence to New Jersey regulations.
- Prepared detailed civil engineering plans with focus on regulatory compliance and technical accuracy.
- Presented findings at multiple municipal board meetings, addressing concerns and facilitating understanding.
- Spearheaded resource allocation and budgeting for various projects, aligning timelines with client expectations.
- Developed long-standing client relationships, becoming a trusted advisor for project planning.

Civil Engineer

March 2015 - December 2019

Redwood Engineering Solutions

Parsippany-Troy Hills, NJ

Worked on diverse land development projects, collaborating closely with cross-functional teams to ensure successful project delivery and compliance with all necessary standards.

- Engineered innovative stormwater management systems using Civil 3D software, enhancing project efficiency.
- Collaborated with multidisciplinary professionals to troubleshoot permitting challenges swiftly.
- Initiated project planning strategies, significantly improving workflow and resource management.
- Conducted thorough site evaluations, composing comprehensive reports that aided in client presentations.
- Engaged in community discussions, addressing stakeholder inquiries regarding project impacts.
- Contributed actively to business development efforts through proposal writing and client outreach.

Junior Civil Engineer

June 2012 - February 2015

GreenField Engineering Partners

Bridgewater, NJ

Supported senior staff in the execution of various designs within a fast-paced environment, contributing to significant land development projects.

- Assisted in the preparation of engineering drawings using Civil 3D for a variety of projects.
- Conducted research on effective design solutions, ensuring state regulation compliance throughout.
- Participated in public meetings, supporting project plan defenses and community engagement initiatives.
- Developed and monitored project schedules, ensuring timely delivery of engineering outputs.
- Facilitated coordination with local agencies to smooth the approval processes for ongoing projects.
- Worked under direct guidance from senior engineers, gaining valuable insights into real-world applications.

LEADERSHIP & AWARDS

- Professional Achievement Award, BlueSky Engineering Group
- Best Team Collaboration, Redwood Engineering Solutions

EDUCATION

Bachelor's Degree in Civil Engineering

2012

Rutgers University GPA: 3.6

New Brunswick, NJ

Coursework: Structural Engineering, Soil Mechanics, Hydrology, Site Planning

CERTIFICATIONS

- Professional Engineer (PE) License, New Jersey 📅 2020
- Certified Civil 3D Professional 📅 2021

TECHNICAL SKILLS

- **Engineering Software:** Civil 3D, AutoCAD, Revit
- **Project Management Tools:** MS Project, Asana, Trello
- **Analysis Software:** STAAD.Pro, SAP2000, HEC-RAS
- **Design Standards:** NJDEP, AASHTO, ASTM
- **Presentation Platforms:** PowerPoint, Google Slides, Zoom
- **Permitting Tools:** EasyPermit, LocalGovConnection, SmartGov
- **Documentation Tools:** Microsoft Word, PDF-XChange, SharePoint
- **Survey Equipment:** Total Station, GPS Surveying, Leveling Instruments
- **Quality Assurance Systems:** ISO 9001, Six Sigma, Lean Manufacturing
- **Geotechnical Analysis:** PLAXIS, GeoStudio, LPILE

SKILLS

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|----------------------------------|-------------------------|------------------------------|----------------------------------|
| • Civil Engineering Design | • Public Speaking | • Grading Design | • Mentoring |
| • Stormwater Management | • Team Leadership | • Technical Proposal Writing | • Community Engagement |
| • Project Management | • Regulatory Compliance | • Municipal Approvals | • Problem Solving |
| • Client Relationship Management | • Site Planning | • Business Development | • Cross-Functional Collaboration |

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers (ASCE)
- New Jersey Society of Professional Engineers (NJSPE)

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST