
JOHN SMITH

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CIVIL ENGINEERING TECHNOLOGIST

Civil Engineering graduate with varied background and experience which includes Engineering Design / Drafting and Electronic Engineering.

Able to work independently, yet **possesses natural leadership strengths** with strong communication and interpersonal skills for effective development of sound teamwork relationships. **Skilled at analyzing requirements, developing innovative solutions and motivating a team** to successfully complete projects.

A proven record of gaining the confidence and support of employees due to organizational strengths and strong work ethic. Seeking employment within construction or engineering company. **Willing to relocate** and / or work on long-term projects.

TECHNICAL SKILLS

LEADERSHIP: Consistently appointed leader within school team projects due to exceptional organizational, analytical and problem-solving skills. Leadership skills developed during military training / experience.

MUNICIPAL / HIGHWAY DESIGN: Very familiar with municipal and highway regulations / standards / codes due to major municipal design project completed in second year of Civil Engineering program. Skilled at using AutoCad, Autocad Civil 3D and Bentley Suite to produce detailed plans and designs and advanced piping design which address issues and account for variables.

WATER RESOURCES AND IRRIGATION STRUCTURES: Familiar with components, procedures and calculations on dams, reservoirs, drop structures, open channels, culverts and gates. Skills with interpretation of precipitation records and use of statistical methods for Unit Hydrograph Analysis.

FIELDWORK SKILLS: Experienced with conducting GPS field surveys and using GIS techniques to combine data. Skilled with using heavy construction and highways applications, survey applications, leveling circuits, vertical and horizontal curves survey. Familiar with soil mechanics and irrigation structures.

LAB TEST SKILLS: Experienced with sampling, analysis, and methods related to steel, concrete, asphalt and soil lab tests.

- Problem-Solving and Solution Creation
- Project Management
- Coordination and Organization
- Self-Motivated High Performance
- Detail- and Accuracy-Oriented
- Leadership and Team Motivation