

Robert Smith

Civil Engineering Field Technician

PERSONAL STATEMENT

Administrative support professional offering civil engineering skills and proficiently in Microsoft Office, Building construction, AutoCAD and 3D Max programs. Strong planner and problem solver who readily adapts to change, works independently and exceeds expectation. Able to juggle multiple priorities and meet tight deadlines without compromising quality.

WORK EXPERIENCE

Civil Engineering Field Technician

ABC Corporation - August 2011 - December 2012

Responsibilities:

- SOE Structural Design and Analysis Analyzed earth pressure on structural members and sized appropriate structural members.
- Pre-construction Reporting Survey and report on structural conditions of various structures (Buildings, Highway Ramps, Settlement Tanks, Sea Walls, Levees, & Concrete slabs).
- Ground monitoring Geo-instrument installation (vibrating wire piezometer, inclinometer, extensometer, seismograph, strain gauge, earth pressure cells, ground monitoring and utility monitoring points).
- Processed data collected from Geo-instruments and create reports on data.
- Filled out field reports for daily field activities, including safety precautions, personal protection equipment used, and identifying potential job hazards.
- Supervised drilling activities for the installation of ground monitoring instruments.
- Performed field sampling, documentation, and classification of soils at multiple depths of bore hole.

Civil Engineer

ABC Corporation - 2006 - 2011

Responsibilities:

- Developed and mapped Storm Drain Network within the County of Los Angeles.
- Flood hazard mitigation, water quality analysis, digital mapping, public outreach and technical research.
- Work with various affected stakeholders within the respective watershed such as elected officials, local, state, federal agencies, environmental groups and industries to optimize the use of available resources.
- NOTABLE PROJECTS Traffic Design Engineer for Commerce Center Drive interchange.
- Traffic Design Engineer for Florence Ave Route (28 intersections) (2015) Project Manager for East Los Angeles Community Roadway Improvement.
- Design Engineer for Florence Metro Blue Line Station Bikeway.
- Responsible for design and inspection of state highway projects in

CONTACT DETAILS

1737 Marshville Road,
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SKILLS

Software: AutoCAD Land Desktop, Microstation, MathCAD, SAP, Enercalc, Civil Tech, L Pile, Civil3D, ProE, Microsoft Office, LabVIEW, Matlab, Digi Pro.

LANGUAGES

English (Native)
French (Professional)
Spanish (Professional)

INTERESTS

Climbing
Snowboarding
Cooking
Reading

REFERENCES

Reference - 1 (Company Name)
Reference - 2 (Company Name)

various divisions as part of the eit training program.

Education

Bachelor of Science in Civil Engineering, Minors in Business Administration and Environmental Engineering - (Drexel University - Philadelphia, PA)