

SAM SMITH, E.I.

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GEOTECHNICAL ENGINEER WITH 2 YEARS OF INDUSTRY EXPERIENCE

PROFESSIONAL PROFILE

An innovative, conscientious, and solutions-focused Engineering Professional offering formal education, hands-on experience, a passion for excellence, and the ability to work under fast-paced, high-volume, time-sensitive conditions with little or no instruction, manage multiple responsibilities simultaneously, and consistently exceed established goals and objectives. A team-player demonstrating a meticulous attention to detail and a high-level of accuracy and thoroughness; recognized for capacity to work autonomously, as well as collaboratively and establish and maintain solid relationships with co-workers, clients, management, contractors, and project principals. Flexible in accepting assignments and responsibility with the capacity to easily grasp and apply new ideas, concepts, and methods. Strong interpersonal, analytical, and problem-solving skills. Excellent written, oral, and technical aptitude. Microsoft Office Suite, AutoCAD, and FOSSA 2.0 Settlement and Bearing Capacity Analysis Software proficient.

CORE COMPETENCIES

- *Structural Assessment/Evaluation*
- *Field Testing/Data Collection*
- *Quality Assurance & Control*
- *Report/Proposal Generation*
- *Planning & Development*
- *Client Service & Support*
- *Staff Supervision/Training*
- *Monthly Billables/Invoicing*
- *Project Management/Leadership*
- *Safety/Regulatory Compliance*
- *Research/Investigation/Analysis*
- *Deadline/Production Management*

LICENSURE / CERTIFICATIONS

- Engineer Intern (EI), State of Florida, License Number: 123456789 (July 2010)
- Florida Department of Transportation (FDOT) Plans Reading Certified (November 2008)

EDUCATION / HONORS

Bachelor of Science in Civil Engineering; Graduated Cum Laude: May 2010

University of Florida - Gainesville, Florida / Embry Riddle Aeronautical University - Daytona Beach, Florida
Dean's List: Spring 2008, Fall 2009, and Spring 2010

UNIVERSITY CURRICULUM / RELEVANT COURSEWORK

- Analysis and Design of Reinforced Concrete ▪ Civil Engineering Capstone ▪ Civil Engineering Cost Analysis
- Civil Engineering Materials ▪ Construction Methods and Management ▪ Geotechnical Engineering
- Hydrogeology and Human Affairs ▪ Mechanics of Engineering Structures ▪ Public Works Engineering ▪ Soil Mechanics

PROFESSIONAL CHRONOLOGY

ABC Company Any Town, USA **Sept. 2010 - Present**
Geotechnical Engineer, E.I.

ABC Company Any Town, USA **Aug. 2009 - Dec. 2009**
Student Assistant - Soil Mechanics Laboratory

SPECIALIZED KNOWLEDGE

- Deep Foundation Integrity & Load Testing ▪ Drilled Shaft Analysis ▪ Shallow Foundation Analysis ▪ ASTM Soil Testing

KEY QUALIFICATIONS / HIGHLIGHTS OF PROFESSIONAL EXPERIENCE

- Conducted geotechnical testing on a variety of project types from public infrastructure to small and large commercial; traveled extensively (approximately 75% of the time).
- Performed as the Project Manager for various load tests from Statnamic to Static Load; supervised Engineering Technician in the field during testing set-up, load testing, and data collection, providing ongoing mentoring, training, direction, and support.
- Managed Load Testing administration duties on projects; reviewed shop drawings, performed site visits, wrote field reports, and responded to requests for information and contractor correspondence in a timely fashion.
- Entrusted with daily project management responsibilities including timely response to client telephone calls and email inquiries, meeting all project deadlines, and communicating/coordinating project deadlines/pertinent information with the drafting department.
- Performed independent research and partnered with supervisors and co-workers to solve technical issues.

HIGHLIGHTS OF PROFESSIONAL EXPERIENCE (CONTINUED)

- Generated proposals for testing services; gathered required project information to calculate accurate pricing, develop proposals, and identify required contractor support.
- Developed monthly billable invoices for project principals.
- Coordinated and collaborated with contractor to establish correct and logical testing procedure; compiled data and provided detailed reports on procedure, results, and recommendations.
- Performed Cross Hole Sonic Logging (CSL) data retrieval and analysis.
- Inspected drill shafts using Mini-SID for debris after shaft cleanout; conducted integrity testing.
- Analyzed shallow foundation of temporary falsework structures for bearing capacity, settlement, and consolidation; offered recommendations in an effort to limit consolidation and settlement during construction.
- Evaluated vibration monitors during pile driving to ensure safety of existing bridge structures.
- Performed quality control drawings; minimized errors and omissions.
- Prepared numerous analytical reports for review by a Professional Engineer.
- Lectured students on the proper ASTM procedure for soil testing; curriculum ranged from basic soil test such as specific gravity testing to more complicated procedures including direct shear and consolidation testing.
- Aided students during lab with questions regarding technique and procedure to ensure collection of high-quality data; assisted students after the labs with data reduction and report writing.
- Tutored students in Soil Mechanics from USCS and AASHTO soil classifications to basic slope stability problems.
- Graded over 100 tests, homework assignments, and lab reports on a weekly basis.

PRIMARY PROJECTS

- Honolulu High-Capacity Transit Corridor Projects, Honolulu, Hawaii
 - I-4/ Lee Roy Selmon Expressway Connector, Tampa, Florida
 - I-10-375 Loop Improvements, El Paso, Texas
 - I-49 North Interstate, Caddo Parrish, Louisiana
 - I-40 Seismic Retrofit, Memphis, Tennessee

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers - University of Florida Student Chapter, 2008 - 2010

References and Supporting Documentation Furnished Upon Request