

EDUCATION

University of Massachusetts- Amherst, Amherst, MA September 2005
Master of Science in Civil Engineering
Curriculum: Geotechnical Engineering

Rensselaer Polytechnic Institute, Troy, NY May 2003
Bachelor of Science in Civil Engineering
Curriculum: Civil Engineering

REGISTRATION

Registered Engineer-in-Training in the Commonwealth of Massachusetts. License number 21208

EXPERIENCE

GeoConsult, San Juan, PR (February 2006)
Geotechnical Engineer
Currently involved in investigation and ground improvement of karstic subsurface conditions utilizing geophysical and geotechnical methods such as electrical resistivity imaging, soil borings, and pressure grouting. Also involved in various projects including slope stability analyses, deep foundation design, earth retaining structure design, detailed characterization of soils using CPT, preconsolidation of subsurface by surcharging, and construction inspection.

GZA GeoEnvironmental Inc., Norwood, MA (June 2005 - February 2006)
Geotechnical Engineer
Responsibilities included subsurface investigations, field observation of foundation construction, and soil behavior and foundation design analyses. Involved in development of subsurface profile and engineering properties and liquefaction analyses for ISFSI pads at St. Lucie Nuclear Power Plant. Also involved in various projects including mini piles, grout-bonded anchors, and steel H-pile installation.

University of Massachusetts, Amherst, MA (September 2003 – May 2005)
Master of Science in Civil Engineering
Graduate Courses (Topics)
Soil Mechanics, Soil Behavior, Foundations, Ground Improvement, Geotechnical Laboratory Testing, Geotechnical Earthquake Engineering, In-situ Geotechnical Testing, Geoenvironmental Engineering, Numerical Methods in Geotechnical Engineering, Geomorphology
Research Assistant
Performed geotechnical research and in situ load testing under the supervision of Dr. Alan Lutenegeger. Research included helical anchor pullout tests, geotechnical index tests, and groundwater monitoring.

Rensselaer Polytechnic Institute, Troy, NY (Spring 2003)
Geotechnical Centrifuge Independent Study
Worked with graduate students to build testing models for Rensselaer's 150 g-ton geotechnical centrifuge.

BBL Construction Inc., Albany, NY

(Summer 2002)

Assistant Project Manager

Worked on-site with project manager and construction manager at the new state headquarters for the NYSUT and at Sienna College for retrofit of their science laboratories.

HONORS

- Recipient of the Bridge and Minority Achievement Scholarships for Undergraduate Studies at Rensselaer.

PROFESSIONAL SOCIETIES

American Society of Civil Engineers (ASCE)

Deep Foundations Institute (DFI), Member

ADSC, Technical Affiliate Member