

DANIEL DREYFUS

M.S. Civil Engineering, The University of Texas at Austin, 2011
B.S. Civil Engineering, Northeastern University, 2006

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Professional Experience

The University of Texas at Austin, Austin, TX

Graduate Research Assistant

August 2009 – May 2011

- Validated procedures for predicting and mapping earthquake-induced landslides by combining topographic and geologic maps, soil shear strength data, and permanent-displacement models within a Geographic Information System. Funding provided by the USGS.

Haley & Aldrich, Inc., Boston, MA

Grade 3 Engineer

June 2006 – June 2009

- Provided geotechnical engineering support for a variety of high-profile construction projects with progression towards a project management role
 - Apple Store, Boston, MA*
 - Atlantic Wharf, Boston, MA*
- Communicated with clients/team members daily regarding scope, scheduling, progress of work
- Extensive technical writing – proposals, design recommendation memos, field reports
- Comprehensive field experience with exposure to shallow and deep foundations, subsurface explorations, pile load tests, construction instrumentation, groundwater monitoring

Grade 1 Engineer (part-time)

January 2005 – June 2006

- Assisted in preparing subsurface data reports, collected and summarized instrumentation data

Volpe National Transportation Systems Center, Cambridge, MA

Environmental Engineering Intern

March – May 2003

S.E.A. Consultants, Cambridge, MA

Engineering Intern

September – December 2002

Proficiencies & Qualifications

- OSHA 40-hr Hazwoper Safety Certification 2005 – 2009
- Nuclear Density Gage Certification 2008 – 2009
- Loss Prevention Training, Grades 1-4 2008
- E.I.T. Certification, Massachusetts 2005
- American Society of Civil Engineers
- Microsoft Office, ArcGIS 9.x, Matlab, UTEXAS, BlastWare, SeismoSignal, MSEW, Snailz, PLAXIS

Education

The University of Texas at Austin, Austin TX

Master of Science in Civil Engineering

Expected May 2011

- Relevant course work: *Strength/Shearing Properties of Soil, Foundation Engineering, Stability of Earth Slopes, Earth Retaining Structures, Earthquake Engineering, Risk & Reliability*

Northeastern University, Boston MA

Bachelor of Science in Civil & Environmental Engineering

May 2006