

Jennifer Ciofolo, E.I.T.

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OBJECTIVE

Obtain a full-time or part-time internship as an assistant design engineer utilizing my professional, academic and leadership experience

EDUCATION

University of California, San Diego, La Jolla, CA

M.S. in Structural Engineering

Expected Dec 2011

Concentrations: Structural Analysis, Structural Design, Earthquake Engineering

Coursework: Masonry Design, Structural Dynamics, Bridge Design, Advanced Structural Analysis, Applied Mathematics for Structural Engineering, Foundations of Solid Mechanics

Northeastern University, Boston, MA

B.S. in Civil Engineering, Concentration: Structural Engineering, GPA 3.46

May 2010

Coursework: Steel Design, Reinforced Concrete Design, Highway Design, Structural Analysis I & II

Awards & Honors: Graduated Cum Laude, Recipient of Chi Epsilon Honorary Scholarship, Recipient of Civil and Environmental Engineering's Department Award, Dean's List

COMPUTER SKILLS

Proficiencies: AutoCAD, Microsoft Word, Excel, Power Point

Experience: Matlab, MIDAS Civil, SAP, Risa 2D, Quest Earthwork

ACADEMIC PROJECT EXPERIENCE

Northeastern University, *Structural Engineer*, Boston, MA

Jan 2010-Apr 2010

- Completed preliminary design for bridge crossing the Mystic River in Boston, MA
- Adhered to AASHTO guidelines to calculate design loads on bridge superstructure
- Utilized MIDAS Civil to complete analysis and design of bridge components
- Compiled design results into a formal report including a set of plans
- Presented design in an oral presentation to a board of 10 engineers and community members
- Awarded first place in design competition

PROFESSIONAL EXPERIENCE

Natgun Corporation, *Assistant Design Engineer* (Co-op), Grand Prairie, TX

Jul 2009-Dec 2009

- Calculated required reinforcement and drafted final tank construction plans
- Compiled engineering material take-offs to ensure efficient construction material orders

Natgun Corporation, *Estimator* (Co-op), Wakefield, MA

Jul 2008-Dec 2008

- Assisted estimating manager with sales, pre-bid and bid phases of construction projects
- Prepared site layouts, estimated earth work quantities and conducted price estimates
- Researched and contacted contractors and worked with them to receive accurate and competitive bids

City of Waltham, *Civil Engineer* (Co-op), Waltham, MA

May 2007-Aug 2007

- Surveyed various streets and drafted existing conditions plans
- Worked on estimates and contracts for utility and street construction projects
- Supervised contractors and checked plans for accuracy during street and utility construction projects

LEADERSHIP EXPERIENCE

Treasurer: *Earthquake Engineering Research Institute*, UC San Diego

Jan 2011-Present

Event Planner: *Structural Eng'g Grad Student Organization*, UC San Diego

Sep 2010-Present

Vice President: *Chi Epsilon*, Northeastern University

Apr 2009-Apr 2010

Secretary: *Chi Epsilon*, Northeastern University

Apr 2008-Apr 2009

Member: *American Society of Civil Engineers*, Northeastern University

Jan 2007-Apr 2010