

Sabrina Duk

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Motivated Individual seeking Mentorship with a Structural Design Firm that Provides Hands-on Experience with Exposure to Various Systems, Unique Engineering Solutions, and Leadership Opportunities.

Education

- THE PENNSYLVANIA STATE UNIVERSITY – College of Engineering
Bachelor of Architectural Engineering – Structural Concentration
Five-Year Professional Degree - ABET accredited
Thesis Portfolio: www.engr.psu.edu/ae/thesis/portfolios/2010/szd125/index.html
Graduated: May 2010
GPA 3.26
- UNIVERSITY OF LEEDS – College of Civil Engineering
A.E. Foreign Exchange Program in Leeds, England
Sept – Dec 2008
- AMITY REGIONAL HIGH SCHOOL, Woodbridge, CT
National Honors Society, National Art Honors Society
June 2005
GPA 3.72

Professional Experience

DESTEFANO & CHAMBERLAIN INC., Fairfield, CT

Full Time Position

Structural Engineering Intern

July 2010 - Present

May 2009 – Aug 2009

- Assisted with Construction Documents for Beach Club Facility and Residential Properties.
- Gained Exposure to Wood and Timber Design while Expanding Skills in Steel and Concrete Design.
- Conducted Calculations to Check Design before Completion of Documents.
- Contributed Design Solutions to Situations which Failed Design Criteria.
- Participated in Continuing Education Lectures for Unique Projects and Design Criteria.
- Performed Site Survey to Monitor Stability of Existing Buildings and Changing Soil Conditions.

SMITHGROUP, Washington, D.C.

Mechanical Engineering Intern

May 2008 – Aug 2008

- Assisted with Construction Documents for the National Intrepid Center of Excellence, Bethesda, MD.
- Performed Mechanical, Plumbing, and Fire Protection Drafting.
- Assembled Equipment Specifications and Performed Energy Analysis.
- Designed Required Components for Medical Equipment.
- Attended Project Sites for Inspections and Punch List Checks.
- Facilitated Revit Training to Assist Integration of Software into Company.

SKANSKA USA BUILDING INC., New Haven, CT

Construction Management Intern

May 2007 – Aug 2007

- Point of Contact for Stamford and Norwalk Hospital Cath Lab and Cardiology Interior Renovations.
- Delegated Tasks and Facilitated Procurement Strategy Meetings.
- Negotiated Contracts, Quotations, and Proposals.
- Handled Submittals, Construction Documents, and Bid Packages.
- Reconciled Budgets and Closed-Out Projects.
- Developed Partnerships with Subcontractors, Owners, Engineers, and Architects.

FCE CONSULTANTS, INC., New Haven, CT

Junior Graphic Designer

June 2003 – June 2005

- Developed Training Manual for Graphics Department.
- Interviewed Potential Employees.
- Finalized Projects for Output and Negotiated with Vendors Delivery of Finished Products.
- Created Graphics Database and Maintained Database of Clients.
- Negotiated and Reviewed Artwork with Clients.

Related Coursework

- Structural Analysis & Indeterminate Structures
- Design of Concrete Structures: I & II
- Design of Steel Structures: I & II
- Soil Mechanics & Introduction to Foundations
- Design & Theory of Masonry Structures
- Design of Wood Structures

Proficiencies

RISA – 3D 8.0
Revit Applications 2010
AutoCAD 2010
STAAD.Pro
RAM Structural System
Trane TRACE
ProLog
SketchUp 7
Quark Xpress
Adobe Applications
Microsoft Office Applications
Fluent in Polish