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RACHEL GINGERICH

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Senior Thesis Website: www.engr.psu.edu/ae/thesis/portfolios/2008/rag227/

OBJECTIVE

To obtain an internship for Summer 2008 with a structural engineering design firm.

EDUCATION

The Pennsylvania State University

Bachelor/Master of Architectural Engineering, B.A.E./M.A.E.

Five year ABET accredited professional degree

Eligible for EIT Certification upon graduation

Graduating in December of 2008

University Park, PA

Structural Option

GPA: 3.67

Dean's List Student

The University of Leeds

Study Abroad Exchange Program

Leeds, England

Fall 2007

EXPERIENCE

Baker, Ingram & Associates, Inc.

Structural Design Intern

Lancaster, PA

Summer 2007

- ❖ Performed structural design and analysis for new construction, the majority of the structures being public schools, banks, and churches.
- ❖ Analyzed existing buildings for new loading conditions, checked the adequacy of the existing structure, and designed reinforcement as required.
- ❖ Visited a historical site to evaluate the existing structure for rehabilitative construction feasibility.

Structural Repair Group, LLC

Structural Repair Intern

Gaithersburg, MD

Summer 2006

- ❖ Executed on-site investigations and construction observation visits for structural restoration.
- ❖ Wrote reports for proposals, investigations, and construction observation visits based upon site visits.

Jacobs Facilities, Inc.

Structural Intern/CAD Technician

Arlington, VA

Summer 2005

- ❖ Drafted structural drawings using Microstation.

SKILLS

- ❖ RAM Structural Systems
- ❖ AutoCAD 2007
- ❖ MatLAB
- ❖ STAADPro 2005
- ❖ Microstation V8
- ❖ C++ Programming

HONORS & ACTIVITIES

Phi Alpha Epsilon Architectural Engineering Honors Society Induction, 4th year

Baker, Ingram & Associates Scholarship, 4th year

Women in Engineering Program (WEP)

❖ Member 1st-5th year

❖ Mentor 3rd year

❖ Facilitator 5th year

Women in Science and Engineering House (WISE)

❖ Member 1st-3rd year

❖ Community Service Chair, 3rd year

❖ Vice President 3rd year

❖ Math Tutor; 3rd year

Structural Engineering Association (SEA)

❖ Member 4th-5th year

❖ Vice President 5th year