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Senior Thesis Website: [Http://www.arche.psu.edu/thesis/eportfolio/current/portfolios/ajs405/](http://www.arche.psu.edu/thesis/eportfolio/current/portfolios/ajs405/)

Objective

To obtain a full-time position at a structural engineering firm which will best utilize my skills in structural systems design.

Education

The Pennsylvania State University

Graduation May 2006 University Park, PA

Bachelor of Architectural Engineering (B.A.E.)– Structural Systems Option

FE exam completed, obtain EIT upon graduation.

GPA – 3.43

Relevant Courses:

- Advanced Concrete Design
- Advanced Steel Design
- Masonry Design
- Wood Structures Design
- Foundation Design
- Indeterminate Analysis
- Building. Construction. Management
- Site Surveying
- 5 Eng. Mechanics Courses
- 7 Architecture Courses

Experience

Baker Ingram and Associates

Summer 2005 Structural Design Firm Lancaster, PA

- SD of structures using RAM Structural Systems.
- Existing building analysis for change of occupancy use.
- Design of steel and masonry .
- Design of supplemental reinforcement for new openings in existing concrete structures.

Turner Construction Company

Summer 2004 Reading, PA

- Assisted Superintendent with overseeing site construction.
- Maintained documentation of work performed and manpower.

Schorn Construction Company

Summer 2003 Downingtown, PA

- Assisted all trades including iron workers.
- Renovated WAWA's and added gas stations.
- Converted old warehouse to Suburban Foods headquarters.

The Pennsylvania State University

Jan. 2003 – Current University Park, PA

Teaching Assistant for 2 Courses

- Architectural Building Materials
 - The structural and architectural use of building materials; commercial standardization, classification, and description as encountered in the building trades.
- Working Drawings
 - Materials and methods of construction used in residences, and preparation of working drawings for a small building.
 - Class based on AutoCAD

Computer Programs

AutoCAD, Architectural Desktop, Microsoft Office (Excel, Word, PowerPoint, FrontPage, and Outlook); RAM Structural Systems; Staad; RISA

*References available upon request