

OBJECTIVE

To obtain valuable experience through a design position with a progressive Architectural / Architectural Engineering Firm upon graduation, in effort to obtain professional licensure.

EDUCATION

**Integrated Bachelor and Master of Architectural Engineering (B.A.E./M.A.E.)
Specialized in Structural Design**

**Graduation: May, 2009
GPA: 3.44**

The Pennsylvania State University, University Park, PA

LEADERSHIP AND INTERNATIONAL RELATIONS

- Deployed with 3rd Army Division in lieu of Operation Iraqi Freedom from October 2004 to January 2006
- Field promoted to Sergeant in April 2005 and given control of a squad consisting of 5 soldiers.
- Coordinated convoy movement into a large variety of countries including Kuwait, Germany, Iraq, Saudi Arabia, and United Arab Emirates.
- Performed detailed operations with persons of several different cultures and languages.

STRUCTURAL AND ARCHITECTURAL EXPERIENCE

Cannon Design – Structural Engineering Intern (May 2008 – Aug 2008)

Buffalo, NY

- Developed conceptual structural building designs and solutions using RAM and RISA.
- Attended inter-disciplinary training on the BIM Modeling program Revit2009 and applied it to multiple high profile projects.
- Aided in finding solutions to unique structural problems using conventional analysis methods.
- Received specialized training in current structural and architectural components.

TimHaahs Engineers Architects – Structural Engineering Intern (May 2007-Aug 2007)

Blue Bell, PA

- Worked with complex structural systems including mixed-use and large scale pre-cast concrete construction.
- Conducted many routine site inspections of existing and under-construction projects.
- Consulted with a variety of professionals in the industry including architects, developers, managers, etc.
- Aided in conceptual and finalized designs of building elements using AutoCAD and Google Sketchup.

PennDOT Engineering District 2-0 - Engineering Science Technical Intern (May 2006-Aug 2006)

Clearfield, PA

- Performed field inspections, including testing material strength and proficiency, of recently constructed local roads and highways.
- Supervised and aided contractors and subcontractors in highway construction.
- Responsible for material and labor reports.

RELATIVE COURSE WORK

Advanced Steel Design
Advanced Concrete Design
Steel Connections

Computer Modeling (Finite Element)
Wood Design
Indeterminate Analysis

Architectural Theory
Advanced MEP Courses
Architectural Engineering Thesis

ACHIEVEMENTS AND ACTIVITIES

- Passed the Fundamentals of Engineering Exam.
- Active member of the U.S. Army Reserve.
- Current Philanthropy Chairman of S.E.A.
- Proficient in Autodesk Revit Structure and Architecture, RAM Structural System, RISA 3-D, SAP2000, ETABS, STAAD Pro, AutoCAD, Google Sketchup, and Adobe Photoshop.

REFERENCES

Available upon request.