

# Alexander J. Kosis

<http://www.engr.psu.edu/ae/thesis/portfolios/2008/ajk253>

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- Objective** Obtain a full-time position in the building technology or structural engineering fields to gain experience, obtain my P.E. license, and advance my future as an engineer.
- Education** The Pennsylvania State University, University Park  
Integrated Bachelor/Master of Architectural Engineering - Structural Option  
Cumulative GPA: 3.81  
Expected Graduation Date: May 2008  
Passed F.E. Exam in Fall 2006 – Eligible for E.I.T. upon graduation
- Skills** SAP2000, ETABS 9, AutoCAD 2002-2008, STAAD, pcaColumn, RAM Steel, MATLAB
- Relevant Experience**
- Simpson Gumpertz & Heger*** - Rockville, MD May 2007 – August 2007  
Building Technology/Structural Engineering Internship
- Tasks:
- Computer Analysis
  - Wood/Concrete Design
  - Formal Reports
  - Product Specification
  - Detail Design
  - Load Calculations
  - Site Visits
  - Field Reports
  - CAD Drafting
- The Foreman Group*** - Zelienople, PA May 2006 – August 2006  
Construction Management Internship
- Tasks:
- Site Manager
  - Assistant Site Manager
  - Closeout Logs
  - Field Estimates
  - Detailed Estimates
  - Takeoffs
  - Project/Firm Analysis
  - Daily Logs
  - Progress Photographs
- Honors**
- Dean's List every semester
  - Tau Beta Pi Engineering Honor Society
  - Phi Kappa Phi Honor Society
  - National Society of Collegiate Scholars
  - Phi Eta Sigma Honor Society
  - Golden Key Honor Society
- Volunteer Work**
- Penn State Dance Marathon Canning
  - Shaver's Creek Maple Syrup Harvest
  - Saint Andrew's Church Food Bank
  - Red Cross Blood Drive
- Activities**
- Student Society of Architectural Engineers – Class Representative 2004-2006
  - Architectural Engineering Institute – 2003-current
  - Intramural and Friday Late Night Basketball – 2006-2007
  - Architectural Engineering Intramural Soccer Team – 2006-current