

# Young B. Jeon

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**Permanent Address**  
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## Objective

To obtain a full time employment position as a Structural Engineer.

## Education

Bachelor of Architectural Engineering (BAE)  
Structural Option, certified EIT upon graduation  
The Pennsylvania State University  
Cumulative GPA: 3.38

University Park, PA  
(Expected graduation May 2015)  
ABET accredited  
Dean's List (Fall 2010, 2011)

## Skills

- Fluent in Korean (Native language)
- AutoCAD 2015
- STAAD
- SAP 2000
- Revit Architecture 2015
- RISA 2D
- RAM Structural
- ETABS

## Experience

### Nitterhouse Concrete Products

Chambersburg, PA (Summer 2014)

Engineering Department Intern

- Learned the history and fundamental knowledge about prestressed precast concrete
- Designed prestressed precast hollow core slabs, double tees, inverted tee beams and L-beams
- Calculated gravity, wind and seismic foundation reactions for columns, wall panels and shear walls of a parking garage
- Created a 3D RAM Element model of a cantilevered concrete column structure to analyze lateral force behavior of a building

### Pennsylvania State University

State College, PA (Summer 2013)

Facilities Engineering Institute Intern

- Created 3D Revit models of existing PennDOT facilities
- Used RS Means electronic records to perform materials takeoff from original construction documents
- Determined material quantities for all building systems including mechanical, electrical and structural
- Learned how to critically evaluate construction documents from a design review perspective

### Pennsylvania State University

University Park, PA (2011~Present)

Information Technology Services Lab Consultant

- Provided assistance to users who may encounter any trouble
- Investigated any problems by using available resources
- Taught users how to prevent having identical problems in future
- Maintained labs clean and accessible for users to feel welcomed

## Activities & Awards

- United States Green Building Council Students Chapter (2013~2014)
  - Organized information on the club website as a Webmaster
- Melvin H. Peters Endowed Scholarship in AE (Spring 2012)
- Earthquake Engineering Research Institute (2012~2013)
  - Participated in designing wooden structure for national competition
- Design-Building Institute of America (2012~2013)
  - Aided coming up with preliminary ideas for volunteer bridge project
- Student Society for Architectural Engineering (2011~Present)
  - Guided a mentee for SSAE mentorship program
- Harvest Christian Ministry (2010~Present)
  - Led worship team as an officer, which organizes and prepares church events