

# Jeffrey R. Loeb

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## Campus Address

Apartment V207, University Terrace  
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## Permanent Address

1170 Logan Road  
Bethel Park, PA, 15102

## Objective:

To obtain a full-time position at a structural engineering firm to gain experience and further my career as an engineer while contributing to company operations.

## Education:

The Pennsylvania State University  
Bachelor of Architectural Engineering  
Structural Option – ABET accredited 5 year degree  
GPA: 3.27  
E.I.T. Status to be Awarded Upon Completion of B.A.E Degree

University Park, PA  
2008-Present  
B.A.E anticipated 2014

## Skills:

- Computer Aided Drafting (AutoCAD)
- Autodesk Inventor
- Adobe Photoshop
- C++ Programming
- Autodesk Solidworks
- Adobe Dreamweaver
- Microsoft Project
- STAAD 2d & 3d Modeling
- Autodesk Revit
- ETABS
- SAP 2000
- RAM

## Awards/Activities:

### **Participant in the 2014 Architectural Engineering Institute (AEI) Design Competition**

- Member of an 8-person team defending Penn State's 2013 national title
- One of three teams chosen to represent Penn State in the 2014 AEI convention competition
- Working with a team of several different AE disciplines

**University Park, PA**

April 2013 - Present

### **Penn State Chapter of The United States Green Building Council (USGBC)**

- Analyzed and studied different aspects of sustainable building design
- Attended USGBC office event in Chicago, Illinois to discuss innovations in green design

**University Park, PA**

April 2013 - Present

### **Penn State Chapter of The Structural Engineers Association (SEA)**

- Explored current trends and practices within the structural engineering profession
- Attended various site visits to gain practical knowledge surrounding building infrastructure
- Held discussions with current professionals about past and upcoming projects and ideas

**University Park, PA**

2012 - Present

### **Penn State Engineering Senior Design Project Competition**

- Won class based competition for engineering design course
- Awarded the opportunity to present the group's idea for a sustainable telecom tower to General Electric

**University Park, PA**

2011

### **Student Society of Architectural Engineers (SSAE)**

- Aided other architectural engineering students by informing them of available resources and guiding them through projects.
- Learned about the latest technologies in the AE profession
- Attended lectures by professionals in various AE positions pertaining to different expectations within a professional setting

**University Park, PA**

2010 - Present

### **Valentour, English, Bodnar, and Howell, Registered Architects**

- Participated in a Summer-long shadowing program with VEBH architecture firm
- Tasked with reading and reviewing working drawings on a local hospital addition

**Mount Lebanon, PA**

2009

## Other Experience:

### **Architectural Engineering Lab Assistant**

- Performed various seismic and material tests, as well as specific testing related to AE courses
- Assisted in the construction of a racking facility for the testing of structural insulated panels
- Created design guides for various member construction to be used in the instruction of younger students

**University Park, PA**

Fall 2013 - Present