

# Helen Leenhouts

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## Education

### The Pennsylvania State University

Bachelor of Architectural Engineering-Mechanical Option

Graduation Date: May 2014

Passed Fundamentals of Engineering Exam – April 13, 2013

University Park, PA

GPA 3.08/4.0

## Work Experience

Fire Protection Intern – Jacobs Engineering Group

Conshohocken, PA

- Dispersion analysis for companies such as Lilly and Amgen of O<sub>2</sub>, N<sub>2</sub>, CO<sub>2</sub>, and refrigerant leaks in pharma/bio buildings.
- Created as-built mechanical drawings in AutoCAD from hand drawings for renovations.

Summer 2013

Engineering Intern - Lower Merion School District/ Operations

Ardmore, PA

- Used AutoCAD extensively in all projects, including the maintenance and update of site drawings.
- Worked closely with Professional Engineers to develop working drawings for use in the renovation of district properties.
- Organized, coordinated, and led the relocation of 60 staff members during the renovation of the administration building.
- Created a plan to order and install over 150 directional signs on the grounds of the recently completed Lower Merion High School.

2011 – 2012

## Leadership

Phi Sigma Rho – National Engineering Sorority

President

2012

- Managed 65+ active sisters, Oversaw 20+ officers, Ran and directed executive board of 10 members
- Initiated the beginning stages of obtaining a sorority floor, including the creation and implementation of new positions, and the formation of new procedures and bylaws

Executive Board member, Membership Educator, Webmaster, Fundraising Chair

## Awards

Penn State Fourth Year Building Design Project – Second Place

Fall 2012

Penn State Fourth Year Building Design Project – Honorable Mention

Spring 2012

Samuel L. and Ellen M. Graffius Gibble Scholarship

2012 - 2013

The Robert W. and Evelyn Kremer Memorial Scholarship Fund

2009 - 2012

PA SciTech Scholarship

2010 - 2014

## Skills

AutoCAD

MicroStation

Hand Drafting

RevIt

Adobe Photoshop

Microsoft Office (Excel, PowerPoint, Word, Outlook)