

Campus Address  
126 Mckee Hall  
University Park, PA 16802  
cjp5187@psu.edu

# CAMILA PROFFITT

Permanent Address  
305 Farmview Road  
Nazareth, PA 18064  
(973)713-6119

**EDUCATION**                    **Bachelor of Science in Civil Engineering**  
The Pennsylvania State University, University Park, PA  
Expected Graduation: May 2013  
**Cumulative GPA: 3.0**

## ENGINEERING PROJECTS

**Solidworks Binocular Model** March-April 2010

- Objective to recreate a geometrically challenging object using Solidworks.
- Employed the basic techniques of loft, extrude and revolve as well as the dome and liner pattern feature.
- Successfully produced an accurate model of Lenny the binoculars from Toy Story.

**Armstrong Ceiling** April 2010

- Group project to develop new ideas for DC powered suspension ceilings for use in a commercial setting.
- Utilized a patented software called "Bell commander" to render a public address system.
- Combined PA and fire alarm systems for a new application of Armstrongs ceilings.

**Toothbrush Redesign** February 2010

- Brainstormed with team members to identify deficiencies of the Colgate Spongebob toothbrush.
- Focused on two major improvement areas: insufficient marketability and short battery life.
- Redesign provided a more aesthetic and environmentally-friendly, sustainable energy solution.

**Two-Story House Model** November 2008-May 2009

- Designed a to-scale model home using AutoCAD software to develop a rendition of the floor plan.
- Modified the dimensions as required by the balsa wood joists supplied for the three-dimensional model.
- Established plans to create the second floor and roof joists correctly to scale of the first floors rendition.

## ACTIVITIES

**Phi Sigma Rho *Engineering Sorority- Recruitment chair***

Planned recruitment events, informed interested freshman and current members using the email listserv.  
Coordinated advertising activities including flyers and social networking.

**The American Society of Civil Engineers- *Steel Bridge Team Member***

Assisted in design to fit bridge envelope, calculated moments of the design using CAD programs, participated in trips out to Cato Park to fabricate bridge.

**SHPE (Society of Hispanic Professional Engineers)- *Member***

Attend weekly meetings about the Rube Goldberg project and raise money for THON foundation.

## WORK EXPERIENCE

**Lion Line Student Caller** October 2010- Present

112 S. Burrowes St, University Park, PA

- Calling engineering alumni to update information and fill them in on the progress of the College of Engineering.
- Raised over \$2,000 for the College of Engineering to go towards scholarships and improvements in technology.

**LANGUAGE & COMPUTER SKILLS**                    Spanish (advanced-level proficiency)  
Microsoft Office: Word, Excel, PowerPoint, and Expression  
Engineering Software: AutoCAD, Solidworks, and Fortran

References available upon request.