

LAURA C. PICA

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School Address:

601 Vairo Blvd. Apartment 234
State College, PA 16803

Home Address:

113 Great Rock Drive
Bethel Park, PA 15102

OBJECTIVE: To utilize my practical engineering knowledge and creative design skills as a full-time mechanical systems designer with a leading architectural engineering firm.

EDUCATION: **The Pennsylvania State University**, University Park, PA May 2012
Bachelor of Architectural Engineering
Engineer In Training (EIT) Certification upon graduation
Cumulative GPA 3.32/4.00

The Pantheon Institute, Rome, Italy Summer 2010
Minor in Architecture Studies
Cumulative GPA 4.00/4.00

EXPERIENCE: **Pierce Associates**, Alexandria, VA Summer 2011
Project Management

- Analyzed budget and labor usage to generate job status updates
- Strategized with foreman and subcontractors to resolve field conflicts
- Detailed piping trapeze assemblies to create submission for PE approval
- Processed change orders, RFI's & punch list items
- Learned air and water system design by observing commissioning process
- Assembled O&M documentation for submission

McKamish, Inc. Pittsburgh, PA Summers 2008, 2009
Construction Engineer, Estimator

- Catalogued contract documents and project drawings
- Processed submittals and purchase orders
- Updated labor rates for cost estimating software
- Received training in sheet metal and piping estimation
- Shadowed Project Managers while visiting various job sites

ACTIVITIES:

ASHRAE Student Branch at Penn State University, *Publicity Chair* May 2011-Present
AE of the Year Competition, *Participant* March 2011
Annual ASHRAE Winter Conference, *Attendee* February 2011
Student Society of Architectural Engineers, *Mentor Member* August 2009-Present
Women in Engineering Program, *Mentor & Participant* August 2007-Present
Engineering House, *Resident & Academic Committee Member* August 2007-May 2009
The Penn State Philharmonic Orchestra, *Violist* August 2007-May 2008

HONORS: Hope Furrer Associates Scholarship in Architectural Engineering
Senior Architectural Studio Project- "Final Four" Qualification & Honorable Mention Placement
International Engineering Certification upon graduation
Dean's List for Fall 2008, Summer 2009, Summer 2010 semesters

TECHNICAL SKILLS:

AutoCAD 2011 Revit Architecture 2011 Trane TRACE AGI 32