

# Valerie Miller

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724-986-2769

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<b>EDUCATION</b>	<b>Bachelor of Architectural Engineering, Mechanical Option</b> The Pennsylvania State University, University Park, PA Cumulative GPA: 3.50/4.00 Intermediate experience with: AutoCAD Trace 700	<b>May 2015</b>    Revit MEP Trane Acoustics Program
<b>WORK EXPERIENCE</b>	<b>EIT status upon graduation in May 2015</b> <b>Mechanical Intern</b> H.F. Lenz, Johnstown, PA	<b>Summer 2014</b> <ul style="list-style-type: none"><li>• Energy load simulation using Trace 700</li><li>• Assisted in design of mechanical systems</li><li>• Assisted commissioning with creation of pre-functional checklists and existing building analysis</li><li>• Acoustical analysis using Trane Acoustics Program</li></ul> <b>Energy and Engineering Intern</b> Penn State Office of Physical Plant, University Park, PA
		<b>May 2013 – April 2014</b> <ul style="list-style-type: none"><li>• Compiled and interpreted data from construction and control documents for creation of a web database</li></ul> <b>Engineering Operations Intern</b> Crown Castle International, Canonsburg, PA
		<b>Summer 2011/2012</b> <ul style="list-style-type: none"><li>• Performed structural analysis of communication towers</li></ul>
<b>HONORS AND AWARDS</b>	<b>The National Society of Leadership and Success</b> <b>Penn State University Park Dean's List</b> <b>Stantec Scholarship in Architectural Engineering 2013/2014 recipient</b> <b>Carmichaels Area Chamber of Commerce Scholarship 2010 recipient</b>	
<b>SERVICE</b>	<b>Volunteer for WISE Institute Expanding Your Horizons Camp</b>	<b>2010</b> <ul style="list-style-type: none"><li>• Facilitated program for students interested in STEM fields</li></ul> <b>Volunteer for National Park Service</b> Fort Necessity NB and Friendship Hill NHS
		<ul style="list-style-type: none"><li>• Assisted park employees with interpretive programs and events</li><li>• Presented living history demonstrations</li></ul>
<b>ACTIVITIES</b>	<b>Student Society of Architectural Engineers</b> <b>National Electrical Contractors Association (NECA)</b> <b>Penn State Women In Science and Engineering Interest House</b>	
		<ul style="list-style-type: none"><li>• Secretary <b>2011–2012</b></li><li>• Fundraising Chair <b>2011–2012</b></li></ul> <b>Society of Women Engineers</b> <b>Penn State Women in Engineering Program (WEP)</b>
		<ul style="list-style-type: none"><li>• WEP Orientation participant <b>2010</b></li></ul> <b>Engineering Orientation Network, mentor</b> <b>2013</b>
	<b>3D Printing Club</b>	
		<ul style="list-style-type: none"><li>• Treasurer <b>2013-Present</b></li></ul> <b>Penn State Renaissance Faire Planning Committee</b>
		<ul style="list-style-type: none"><li>• President <b>2013-2014</b></li></ul>