

# Anly Lor

ail5002@psu.edu  
anlylor@gmail.com

**CURRENT ADDRESS**  
725 S. Atherton St., Apt. 4  
State College, PA 16801  
Mobile: (717) 951-6437

**PERMANENT ADDRESS**  
422 Delp Road  
Lancaster, PA 17601  
(717) 581-0445

**OBJECTIVE** To obtain an internship in architectural engineering or a related field to gain hands-on experience with building mechanical systems and the industry.

**EDUCATION** **The Pennsylvania State University**  
▪ Integrated Bachelor & Master of Architectural Engineering, Mechanical Option  
▪ ABET-Accredited Five-Year Professional Degree  
▪ EIT Status Upon Graduation  
▪ Expected Graduation: December 2009  
▪ Cumulative GPA: 3.45/4.00

**COURSEWORK**  
▪ Central Heating & Cooling Systems  
▪ Advanced HVAC System Design  
▪ HVAC Control Systems  
▪ Heat Transfer & Fluid Flow  
▪ Building Load & Energy Simulation  
▪ Advanced Architectural Acoustics  
▪ Introduction to Thermal Science & Building Mechanical Systems  
▪ Advanced Building Electrical System Design  
▪ Electrical Circuits & Power Distribution

**RELEVANT WORK EXPERIENCE**  
**Leach Wallace Associates - York, PA** May 2008 – August 2008  
*HVAC/Mechanical Engineering Intern*  
▪ Coordinated ductwork, piping, shafts, and risers with electrical and structural systems for Levindale - Neighborhood 1 in Baltimore, MD.  
▪ Evaluated additional heating and cooling loads for various renovation projects and selected the accompanying equipment from terminals and fans to chillers and air handling units.  
▪ Performed field investigations to record as-built installations for reference in future assignments.

**Ellerbe Becket - Washington, DC** May 2007 - August 2007  
*HVAC/Mechanical Engineering Intern*  
▪ Developed pump head calculations for cold water, chilled water, heating water, and heat recovery systems for the Mercy Health Services Replacement Tower in Baltimore, MD.  
▪ Sized and selected blower coil units used to cool elevator equipment and transformer loads; calculated ductwork sizes and located fans required for stair pressurization systems.  
▪ Verified designed cooling airflow was consistent with manufacturer's data for the Stafford Hospital Center in Stafford, VA.

**Ewing Cole - Philadelphia, PA** May 2006 - August 2006  
*HVAC/Mechanical Engineering Intern*  
▪ Assembled, organized, and graphically standardized HVAC flow diagrams for facilitated reference in future projects.  
▪ Determined the compliance of building envelopes with ASHRAE energy standards for USDA's Grape Genetics Research Center and Center for Health Based Genomics in New York.  
▪ Calculated HVAC loads and flow rates for Alcon Laboratories in Fort Worth, TX to determine equipment, piping, and ductwork sizing, and modified as-built drawings.

**SKILLS**  
**Software**  
▪ Autodesk AutoCAD 2009 & Revit Architecture 2009  
▪ TRACE 700  
▪ Carrier Hourly Analysis Program 4.3  
▪ EnvStd 5.0  
▪ HCB 1.0  
▪ Engineering Equation Solver  
▪ Microsoft Office 2007

**ACTIVITIES** **Engineering Leadership Development, Unlimited**  
▪ Presented high school students with valuable information pertaining to my college experience.  
▪ Assisted and advised prospective high school seniors and their parents during the Penn State College of Engineering Open House.

**HONORS & AWARDS**  
▪ Dean's List (Four Semesters)  
▪ Professor Jack Everetts Memorial Scholarship

**AVAILABILITY** Summer 2009