

# Andrew R. Rhodes

arr171@psu.edu

## Current Mailing Address

236-3 S. Barnard St.  
State College, PA 16801  
(814) 934-8117

## Permanent Mailing Address

1004 South Carlisle Lane  
Altoona, PA 16602  
(814) 943-2717

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## OBJECTIVE

Seeking a position as a Design Engineer where I can contribute my communication, analytical problem solving, and leadership skills.

## EDUCATION

The Pennsylvania State University

*Bachelor of Architectural Engineering- Mechanical Option*

- GPA: 3.53/4.0
- 5 year ABET Accredited Professional Degree
- Anticipated Graduation: May 2007

*Master of Architectural Engineering*

- Anticipated Graduation: May 2007

## PROFESSIONAL LICENSURE

Engineer-in-Training (Pending graduation)

- Passed Fundamentals of Engineering exam April 2006

## PROFESSIONAL EXPERIENCE

Southland Industries - *Engineering Intern, Summer 2006*

- Designed VAV air distribution system for office building in Ashburn, VA
- Completed ASHRAE Standard 62.2 analysis of AHU for office building in Ashburn, VA
- Worked on site alongside tenants aiding in the Tenant Fit-Out process for the Pentagon Renovation Program
- Calculated static pressure drops of duct runs for pharmaceutical plant in Manassas, VA

Hayes Large Architects, LLP - *Engineering Intern, Summer 2004 and Summer 2005*

- Contributed to the mechanical system design of schools in Tyrone, PA, Kittanning, PA, Herminie, PA, and Harrisburg, PA
- Completed HVAC load calculations using Carrier's Hourly Analysis Program
- Researched and documented LEED accreditation for a multiple tenant office building in State College, PA

## COMPUTER SKILLS

Advanced experience with AutoCAD 2004-2006, Carrier HAP, Trane TRACE, and Microsoft Office Programs

## ACTIVITIES / HONORS

Phi Alpha Epsilon (Architectural Engineering Honor Society)

Student Society of Architectural Engineers (SSAE)

Penn State chapter of ASHRAE

Penn State Dance MaraTHON, student-run philanthropy for pediatric cancer

## REFERENCES

Available upon request