

# Andrew R. Rhodes

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## Current Mailing Address

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## Permanent Mailing Address

1004 South Carlisle Lane  
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(814) 943-2717

## OBJECTIVE:

A position as a Design Engineer in an HVAC design company

## EDUCATION:

The Pennsylvania State University

*Bachelor of Architectural Engineering- Mechanical Option*

- GPA: 3.55/4.0
- 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 - *Design Engineer, Starting June 2007*

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 with tenants aiding in the Tenant Fit-Out process for the Pentagon Renovation Program
- Calculated static pressure levels for fan motor selection process

Hayes Large Architects, LLP - *Engineering Intern, Summer 2004 and 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
- Worked with shop drawings and issued addenda to construction documents to aid in the construction administration process

## COMPUTER EXPERIENCE:

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

## ACTIVITIES:

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