

# Matthew W. Carr

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**Permanent Address:**

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**School Address:**

230 S. Barnard St.  
State College, PA 16801  
Cell Phone: (570) 362-3467

**Objective:**

Seeking full employment with an Architectural or MEP engineering firm dealing with mechanical systems in buildings and architectural engineering in order to further develop my skills.

**Education:****The Pennsylvania State University, University Park, PA**

Bachelor of Architectural Engineering – Mechanical Option

Five Year Professional Degree - ABET accredited

Intended Graduation: May 2007

GPA: 3.18

**EIT upon Graduation** – Passed Fundamentals of Engineering exam in April 2006

**The University of Leeds Fall 2005, Leeds, UK**

Studied Civil Engineering as part of a Study Abroad Program

**Related****Course Work:**

Architectural Design Studio

Thermal/Fluid Sciences/Heat Transfer

Building Lighting/Electrical Systems

Advanced HVAC Systems Design

Solar Energy Building System Design

Senior Thesis

Fluid Mechanics

HVAC Fundamentals

Combined Heat and Power

Advanced Architectural Acoustics

**Computer****Experience:**

AutoCAD (multiple versions)

Trane Trace 700/HAP

**Employment****of Note:****Greenman-Pedersen Inc., Scranton, PA**

*Summer 2004, 2005, 2006*

- Gained important experience as both a plumbing and HVAC designer.
- Participated in the construction administration process by reviewing shop drawings.
- Designed and Calculated piping, ductwork, and HVAC equipment sizes.
- Participated in on-site surveys and progress meetings with architects.
- Design lead on a unique, architecturally pleasing house and boiler replacement for the Scranton Housing Authority.

**Pennsylvania Department of Transportation, Scranton, PA**

*Summer 2003*

- Inspector of highway construction, including electrical and structural work.

**Activities, Interests:***College:*

- Former Second Year Rep. and Secretary for the Student Society of Architectural Engineers
- Former Penn State Club Archery Team Member
- PSU ASHRAE Vice-President and Former-Secretary
- Intramural Sports

*General:*

Golf

Hunting

Fishing

Basketball

Alpine skiing

Racquetball

**References:**

Personal or academic references available upon request.