

# Blake R. Herrschaft

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**Current Address:**  
P.O. Box 10254  
State College, PA 16805-0254

**Permanent Address:**  
1034 Goodwin Lane  
West Chester, PA 19382

## OBJECTIVE

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To obtain a mechanical engineering position at a highly respected architectural design firm and begin my career as an EIT.

## EDUCATION

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**The Pennsylvania State University**-University Park, Pennsylvania 2001-2006  
*Bachelor of Architectural Engineering-ABET accredited*  
Mechanical Option  
Expected Date of Graduation: May 2006  
9<sup>th</sup> Semester Standing  
Passed FE Exam Spring 2005

## DISTINGUISHING EXPERIENCE

- Worked on an intercollegiate design initiative to develop an anaerobic digester for poultry farms in Jamaica.
- Designed, in accordance with LEED standards, the mechanical systems and green roof of a community center project.
- Currently developing 5<sup>th</sup>-year senior design thesis on 371,000 square foot building in Orlando, FL.  
<http://www.arche.psu.edu/thesis/eportfolio/current/portfolios/brh165>

## RELATED COURSE WORK

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Solar Design	HVAC Systems Design
Combined Heat and Power (spring '06)	Advanced HVAC Systems Design
Indoor Air Quality (spring '06)	Steel Design
Environmental Engineering	Concrete Design

## WORK EXPERIENCE

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**Wayne Automation**-Norristown, PA *Summer 2004*  
*Engineering Intern* *Summer 2003*

- Designed parts for packaging machinery on AutoCAD
- Adapted plans for assemblies into 3-dimensional format
- Oversaw the assembly of the packaging machinery

**Office of Annual Giving**-State College, PA *Summer 2005*  
*Academic Fundraiser*

- Developed Rapport with Penn State Alumni
- Obtained gifts to help support the University

## ACTIVITIES

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- Engineers for a Sustainable World (anaerobic digester design initiative)
- Penn State ASHRAE student branch
- Mentor in Penn State Engineering Mentorship Program (2 years)
- Intramural Sports : Basketball, Football, Soccer
- Penn State Snowboard Club

## COMPUTER SKILLS

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AutoCAD 2006	Microsoft Office
Autodesk VIZ 2006	Trane TRACE 700
Autodesk Architectural Desktop	Carrier HAP
MATLAB 7.0	Macromedia Dreamweaver