

# Erik R. Shearer

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## Home Address

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## Local Address

236 South Barnard St.  
Apartment 3  
State College, PA 16801  
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Objective: To find employment with a reputable MEP firm in order to apply the skills and techniques which I have studied in the classroom in an effort to succeed in my chosen field.

Education: **The Pennsylvania State University**, University Park, PA  
***Bachelor of Architectural Engineering w/ Mechanical Focus***  
- 5-Year ABET Accredited Professional Degree - EIT Pending  
- Expected Graduation: Spring 2007  
- GPA: 3.64 Cumulative  
***Master of Architectural Engineering***  
- Accepted to the Integrated BAE/MAE Program  
- Expected Graduation: Spring 2007

Related Courses: Thermal Sciences Heat Transfer  
Fluid Dynamics Advanced HVAC  
Advanced Architectural Acoustics Fire Protection  
Centralized Heating / Cooling Systems Building Solar Design  
Thermal Systems Design & Optimization Building Mechanical Systems  
Building Automation & Control Systems Combined Heat and Power

Computer Proficiency: AutoCAD 2006 Microsoft Word  
Carrier HAP Microsoft Excel  
Adobe Photoshop Microsoft Powerpoint

Experience: **Burdette, Koehler, Murphy, & Associates, Inc.**, Baltimore, MD  
Summer 2006  
Mechanical Design Engineer Intern  
Was responsible for several mechanical projects, including several dormitories and mixed-use office buildings, a laboratory, a school, and a fitness center; designed duct layouts; sized piping and ductwork; performed pressure drop calculations; sized and selected mechanical equipment; assisted in determining existing conditions for a central plant

**Office of the Physical Plant, Penn State University**, University Park, PA  
Summer 2005  
Construction Management Intern  
Assisted project managers; worked with contractors; kept track of current on-campus construction projects; filed construction documents; drew up basic drawings on AutoCAD

Activities/Honors: Student in the Schreyer Honors College  
Member of the Phi Alpha Epsilon Architectural Engineering Honor Society  
Member of the Student Society of Architectural Engineers  
Student Member of ASHRAE  
Recipient of the King Family Trustee Scholarship, the SmithGroup Scholarship, and the Strawbridge Trustee Scholarship  
Active in intramural sports

References: Available upon request