

KAREN E. SCHULTE

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OBJECTIVE

To obtain a position as an engineer specializing in the design of heating, ventilation and air-conditioning systems with a career goal of achieving professional engineering registration.

EDUCATION

The Pennsylvania State University

2001–present

Graduation Date **May 2006**

♦ Bachelor of Architectural Engineering, Mechanical Option

♦ **GPA: 3.62 / 4.00**

♦ Passed FE Exam, **EIT upon graduation**

♦ Earned Dean's List honors (minimum GPA: 3.5)

♦ Related course subjects:

- HVAC Fundamentals
- Advanced HVAC
- Introduction to Building Mechanical Systems
- Advanced Building Electrical System Design
- Solar Energy Building Systems Design
- Architectural Acoustics
- Building Thermal Design and Optimization
- Working drawings using **AutoCad 2005**
- Introduction to Thermal Science
- Thermodynamic Fluid Flow

EXPERIENCE

Mueller Associates Inc.

Baltimore, Maryland

2005

Mechanical Intern

- ♦ Designed Variable-Air Volume systems for higher education facilities.
- ♦ Selected and sized equipment based on load requirements.
- ♦ Performed building load analysis and static pressure drop calculations.
- ♦ Participated in field inspections to gather existing data and inspect contractor work

Penn State Housing and Food Services

1999 – Present

Student Supervisor

- ♦ Awarded **Student Employee of the Month**: August 2001 and June 2002.
- ♦ In charge of personnel decisions at Pollock Dining Hall (120 Employees).
- ♦ Created work schedules for all student employees.

SKILLS

- ♦ AutoCAD 2000-2006, Trane Trace 700, HAP, EES, Microsoft Word, Excel and Publisher

ORGANIZATIONS

- ♦ American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE).
- ♦ Student Society of Architectural Engineering (SSAE).
- ♦ Student Envoy for the Department of Architectural Engineering.
- ♦ Phi Alpha Epsilon Architectural Engineering Honor Society.
- ♦ Penn State Intermural Ultimate Frisbee Club: **Three year Captain.**