

S . T O D D N E W S W A N G E R

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Objective

To obtain a full-time position with an architectural or MEP engineering firm that will utilize and further develop my skills in HVAC design.

Education

Pennsylvania State University; University Park, PA
Architectural Engineering, Emphasis on Building Mechanical Systems
ABET Accredited Five Year Program
B.A.E. expected May 2007

The University of Leeds; Fall 2005 Leeds, U.K.
Studied Civil Engineering as part of a Study Abroad Program

Relevant Courses

- Advanced HVAC
- HVAC System Design
- HVAC Fundamentals
- Solar Energy System Design
- Architectural Acoustics
- Fluid Flow
- Heat Transfer
- Architectural Building Materials

Employment

RTKL Associates Inc.; Baltimore, MD Summer 2006

- Gained valuable experience in HVAC system design
- Aided in design of mechanical systems for government facilities
- Worked on design of Washington, D.C. Hilton Hotel chiller and AHU replacement project
- Calculated piping, ductwork, and HVAC equipment sizes
- Designed mechanical systems and duct layout for various projects
- Participated in on-site to determine existing conditions

Terre Hill Concrete Products; Terre Hill, PA 1998 - 2005

- Responsible as team leader to ensure products were loaded correctly and in a timely manner
- Interacted with production and shipping personnel to meet shipping deadlines
- Mastered several jobs within the company allowing me to work in any department as needed to meet daily production demands
- Worked 50+ Hour work weeks to load product for shipping using fork trucks

Personal

Computer Skills

- Advanced AutoCAD skills with 3D Rendering
- MicroStation V8
- Carrier's HAP
- Microsoft Office

Activities

- ASHRAE 2005 Leeds Representative
- Student Society of Architectural Engineers (SSAE)
- Student Society of the Partnership for Achieving Construction Excellence (S:PACE)
- Intramural Sports