

Kevin S. Myers

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304 Princeton Ave #7
Madison, WI 53726

OBJECTIVE

A career in energy systems analysis with the focus ranging from individual projects to energy policy.

EDUCATION

University of Wisconsin – Madison (Madison, WI) expected May 2010
Master of Science, Mechanical Engineering **GPA: 3.85 / 4.0**
(with Energy Analysis and Policy Certificate)

- Thesis Title: *Assessment of High Penetration of Photovoltaics on Peak Demands and Annual Energy Use*
- Advisors: Dr. Sanford Klein and Dr. Douglas Reindl

Relevant Coursework: Intermediate Thermodynamics (ME 561), Solar Energy Technology (ME 567), Heat Transfer (ME 564), Energy Economics (ECON 671), Public Utilities (TRAN PU 725)

Clemson University (Clemson, SC) May 2008
Bachelor of Science, Mechanical Engineering, Magna Cum Laude **GPA: 3.78 / 4.0**

- Passed Fundamentals of Engineering Exam, 2008
- Senior Design Project: Design of a small scale bio-diesel production facility

Relevant Coursework: Thermodynamics (ME 303), Heat Transfer (ME 304), Fluid Mechanics (ME 308), Thermal Environmental Control (ME 429), Renewable Energy Engineering (BE 440), Energy Sources and Utilization (ME 420)

ENGINEERING EXPERIENCE

University of Wisconsin – Madison Madison, WI
Research Assistant, Solar Energy Lab September 2008 - present

- Researching the effects of large-scale deployment of distributed grid-connected solar photovoltaics in preparation for Master's thesis

Coty US, LLC Sanford, NC
Intern, Plant Engineering May-August 2008

- Configured an environmental monitoring network within the facility and generated temperature and humidity reports
- Performed equipment production efficiency studies
- Developed preventive maintenance manuals and standard operating procedures

Timken US Corporation, Tyger River Plant Union, SC
Engineering Co-Op Student, Quality Control January-May 2006

- Led a project to implement a manual coordinate-measuring machine (CMM) to be used for quality control
- Developed a system to generate and electronically store inspection reports
- Trained associates on operation of CMM, operating software and Excel inspection reports

Timken US Corporation, Tyger River Plant Union, SC
Engineering Co-Op Student, Quality Control May-August 2005

- Assisted quality engineers on quality control projects
- Investigated the use of Statistical Process Control in Grind Shop

INTERNATIONAL EXPERIENCE

Summer Study Abroad (May-June 2007)

Trier, Germany

- Introduced to German language and culture
- Studied renewable and sustainable energy sources and their utilization

Languages

- Spanish, basic

SOFTWARE SKILLS

- Microsoft Office
- Windows OS
- MATLAB
- Maple
- TRNSYS (Transient System Simulation)
- Engineering Equation Solver (EES)
- Solar Advisor Model (SAM)

HONORS

- Tau Beta Pi Engineering Honor Society
- Pi Tau Sigma Mechanical Engineering Honor Society
- Graduate of Calhoun Honors College, Clemson University
- President's List 2/7 semesters, Clemson University
- Dean's List 5/7 semesters, Clemson University

ACTIVITIES / HOBBIES

- Energy Hub, Executive Member
- Alpha Sigma Phi Fraternity, Epsilon Upsilon Chapter (Clemson University)
 - Founding Father
 - Offices held: Treasurer, Prudential Committee Member
- Intramural Basketball, Soccer
- Camping, Hiking, Backpacking
- Mountain Biking
- Photography