

MICHAEL MORDER, LEED Green Associate

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OBJECTIVE:

Obtain a full-time position that utilizes my knowledge, experience and leadership in mechanical and sustainable design.

EDUCATION:

THE PENNSYLVANIA STATE UNIVERSITY - College of Engineering Spring 2012 University Park, PA
Bachelor of Architectural Engineering in the Mechanical Option
Master of Architectural Engineering in the Mechanical Option
E.I.T. upon Graduation
Cumulative GPA: **3.64**

EXPERIENCE:

DESIGN ENGINEER – Southland Industries Summer 2011 Dulles, VA

- Performed HVAC design calculations
- Created engineering drawings in Revit MEP 2011
- Created system for tracking design changes
- Organized submission documents

COMMISSIONING ENGINEER – Southland Industries Summer 2010 Bethesda, MD

- Created and organized turnover documentation
- Performed functional performance tests of mechanical systems
- Provided project management support

ENERGY ENGINEER – Penn State Office of the Physical Plant Spring 2009-Spring 2011 University Park, PA

- Cost Analysis of lighting retrofit upgrades
- Created Energy use model and visual dashboard
- Assisted in continuous commissioning of existing buildings

VOLUNTEER – American Indian Housing Initiative Summer 2009 Lame Deer, MT

- Sustainable design-build project
- Introduced Northern Cheyenne Tribe to sustainable concepts
- Installed solar hot water and photovoltaic systems
- Installed handicap ramp

TEACHING ASSISTANT – Advanced HVAC Design Fall 2011 University Park, PA

- Graded homework and exams

AWARDS:

- Dean's List: *Fall 2008-Spring 2011*
- Outstanding Performance in the Mechanical Option Award: *2010-2011*
- Engineering Design Award: *Student/Instructor Voted: Best Overall Design, Project, and Presentation*

ACTIVITIES:

- ASHRAE: *Vice President Student Chapter*
- Partnership for Achieving Construction Excellence (S:PACE)
- Student Society of Architectural Engineering: *Secretary and Mentor Program Member*
- Penn State Archery Club
- Special Olympics Volunteer
- AE Career Fair Student Host

TECHNICAL SKILLS:

AutoCAD 2011 • Revit 2011 (Architectural, MEP) • Trane TRACE • Adobe Photoshop • MATLAB • Microsoft Office Suite