

Britt Kern

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OBJECTIVE

To obtain a full time position for the summer of 2012 that will allow me to grow as a mechanical engineer while making a difference at the firm.

EDUCATION

The Pennsylvania State University, University Park, PA
Bachelor of Architectural Engineering - Mechanical Option
Master of Architectural Engineering - Integrated Program
EIT upon graduation

GPA: 3.72/4.00
Graduation: Spring 2012
Semester Standing: 9th
FE passed Spring 2010

HONORS

Pledge Master - Phi Alpha Epsilon (AE Honors Society)
Melvin H. Peters Endowed Scholarship
Tau Beta Pi (Engineering Honors Society)
Dean's List
SciTech Scholarship Recipient

Spring 2011
Spring 2011
Fall 2010
7 Semesters
2007-2011

WORK EXPERIENCE

Meta Engineers (Mechanical Internship), Arlington, Virginia

May-Aug 2011

- Calculated loads on buildings using Trane TRACE and sized systems
- Created ventilation charts and designed diffuser/return layouts for zones
- Used Revit MEP 2011 to layout plumbing pipes and mechanical duct work
- Drew up mechanical and plumbing plans in AutoCAD 2011

Solardelphia (Internship), Doylestown, Pennsylvania

May-Aug 2010

- Designed and priced solar arrays for over 50 residential and commercial projects
- Conducted site visits to educate potential clients about solar panels and financing
- Strung and sized systems that were both practical and aesthetically pleasing
- Helped spread an efficient, clean energy source in my home region

AIHI – American Indian Housing Initiative, Lame Deer, Montana

June-July 2009

- Spread knowledge of sustainable solutions to the Northern Cheyenne Reservation
- Installed PV panels and a solar hot water system on Chief Dull Knife College
- Performed energy audits on homes to help cut energy costs

Upper Dublin Sports Center/MGCC, Ambler, Pennsylvania

Summers 2006-09

- Taught tennis lessons to a wide range of skilled players
- Responsible for the safety and well-being of up to 12 children at once

LEADERSHIP AND ACTIVITIES

ASHRAE Member – Student Chapter PSU

2010-2011

S:PACE (Student Chapter of the Partnership for Achieving Construction Excellence)

2010

Penn State Club Cross Country (N.I.R.C.A)

2009-2011

- Traveled to compete in races, volunteered and fundraised for THON

Penn State Club Tennis

2007-2011

- Oversaw/taught tennis clinics, officiated matches, participated in THON, and strung racquets

SKILLS

- Proficient in AutoCAD 2011, Revit MEP 2011, Trane TRACE, EES, MATLAB, and Excel