BRIAN AULT

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OBJECTIVE Secure a full time position in the design or design-build setting focusing on environmentally considerate projects with future registration as a Professional Engineer

- **EDUCATION** The Pennsylvania State University Architectural Engineering – Mechanical Option B.A.E. / M.A.E. – Graduating December 2008 Five year Professional Degree – A.B.E.T. Accredited Program Current Cumulative GPA: 3.23, GPA in major: 3.3 (AE & ARCH courses) Passed F.E. Examination, April 2007, EIT eligible upon graduation
- **EXPERIENCE** <u>Penn State Solar Decathlon Mechanical Designer and Team Leader</u> (January 2006-February 2007) Lead the mechanical team for HVAC, plumbing, and overall system design, low energy design, control systems. Continued support while procuring and assembling all technical systems within the home.

<u>Penn State Architectural Engineering – CAD Lab Technician</u> (August 2007-present) Set-up of all computers, maintenance of equipment (printers, plotters, computers), and assistance with facility management.

<u>Mercy Medical Center; Canton, OH – Plant & Engineering Intern</u> (summer 2004) General facility maintenance, assistance with Siemens Building System control software, troubleshooting and retro-fitting of equipment

<u>Fred Waring's America® Collection – Penn State University Libraries</u> (February 2004-present) Archivist and Audio/Visual Specialist – mix and edit audio recordings, preserve musical manuscripts, prepare mail-orders and leased scores, manage inventory of recording media and perform equipment maintenance, other duties as assigned

- SKILLS
 Microsoft Office Suite
 AutoCAD
 HAP

 Energy 10
 Dreamweaver
- ACTIVITIES
andTreasurer, Student Red Cross Club (March 2004-present)
Teaching Intern, AE454 (Advanced HVAC) (fall 2007)INTERESTSTeaching Assistant, AE310 (Introductory HVAC) (spring 2007)
Counselor-In-Training, All-Ohio-State-Fair-Youth-Choir (summer 2005)
Student Member, Penn State ASHRAE
- THESIS Mechanical system evaluation and re-design for the Barshinger Life Science & Philosophy Building at Franklin & Marshall College, Lancaster, PA. Design shall include the economic viability of advanced control systems, energy recovery systems, and monitored turndown of central exhaust / makeup air. See http://www.engr.psu.edu/ae/thesis/portfolios/2008/bma136 for more details.

PAST HONORS Eagle Scout, Troop 92 – Bolivar, OH, earned May 8, 2000