

JASON P. FAIR

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Thesis website: <http://www.arche.psu.edu/thesis/eportfolio/current/portfolios/jpf161/index.htm>

OBJECTIVE: To obtain a career in Architectural Engineering with a focus on the mechanical systems of buildings, which will lead to the acquirement of my Professional Engineering License

EDUCATION:

- Currently 5th year AE, Mechanical option
 - Bachelor of Architectural Engineering May 2006, ABET accredited 5 year professional degree The Pennsylvania State University, University Park, PA
 - **Passed FE exam May 2004**, will obtain E.I.T. status upon graduation
 - Cumulative 3.24/4.0 ; Major GPA 3.25/4.0, Dean's list four semesters
 - Relevant Courses:
 - Thermodynamics, Fluid Flow / Intro to Building Mechanical Systems / HVAC Fundamentals
 - Advanced HVAC / Advanced HVAC Design / Advanced Architectural Acoustics /
 - Advanced Building Electrical System Design / Building Solar Energy System Design
 - Computer Proficiency:
 - HAP / TRACE / MS Word / Excel / Power Point / Solid Works / AutoCAD 2000-2006
 - Thesis research, study of Student Services Building at Howard Community College
 - Comprehensive study of all building systems, primary focus on mechanical systems
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WORK EXPERIENCE:

- Mueller Associates Inc.*, Consulting MEP Engineers Baltimore, Md
Summer 2005 Mechanical Intern
- **Complete HVAC design** for library renovation of public school while working directly with architects at Ayers/Saint/Gross
 - Ductwork design and layout, thermal load calculations using TRACE program
 - Calculated pump head pressure and fan static pressure
 - Air Handling Equipment sizing and selection
 - Extensive **surveying** of existing / new site conditions and mechanical systems installation
- Computer Lab*, AE dept. Penn State University University Park, Pa
Summer 2003 **Computer Lab Assistant**
- Set up **computer hardware** and network equipment for lab functionality
- Fair Flooring, Owner* Shrewsbury, Pa
2000 **Started** flooring sales and installation business, **Owned / Managed** thru 2005
- Handled all **estimating, scheduling** of jobs, financial **bookkeeping** and **billing**
 - Provided floor installations and **customer relations management**
- Bonitz Carpets*, Flooring Store Shrewsbury, Pa
1998 - 2000 **Principal installer**
- Managed on-site flooring installation jobs from start to finish
 - Supervised and instructed helpers throughout each job process
 - Ensured customer satisfaction upon completion of work
- Craig E. Slater Flooring; Dave Yontz Flooring*, Flooring Subcontractors York, Pa
1996 began professional flooring installation as an apprentice
- Installed carpet, vinyl, ceramic & slate tile, VCT, hardwood, laminate
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ACTIVITIES:

- Student Member of ASHRAE, 2005-06 Publicity Chair Fall 2004 - Present
 - Trustee Helper for Alliance Christian Fellowship Fall 2004 - Present
 - Transportation and setup of musical and sound equipment
 - **Vice President** of Christian Fellowship Organization, CFO Spring 2002
 - **Organized** and participated in service day for Habitat for Humanity Spring 2002
 - Member of CFO , Penn State York Fall 2000 - Spring 2002
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References available upon request