

BRENDON J. BURLEY

bjb278@psu.edu

Web Edition:
Address & Phone Number
Omitted

OBJECTIVE

An entry level position with emphasis on research in areas related to building systems.

RELATED EXPERIENCE

Research Assistant **The Pennsylvania State University** May 2003 ~ Present
University Park, PA

- Developed a series of tests for the discovery of thermal properties of green systems.
- Conducted experiments related to unconventional heating ventilation and air conditioning (HVAC) systems.
- Using computational fluid dynamics (CFD) to validate models for well mixed environments.

Draftsperson **Cassio Engineering, Inc.** Feb. 1999 ~ Aug. 2000
Thorndale, PA Summer 2001, 2002

- Produced construction documents in AutoCAD from sketches, notes, and prior drawings.
- Tabulated rebar lengths and quantities for schedules.
- Implemented a new file organization system and company network.

EDUCATION

Bachelor of Architectural Engineering, expected graduation May 2005 **GPA: 3.83 / 4.00**
Structural Emphasis

Honors in Architectural Engineering

Japanese Language Minor

The Pennsylvania State University

- Coursework in; Analysis of Structures, Indeterminate Analysis, Concrete Design, Steel Design, Thermodynamics, Fluids, and Heat Transfer.

HONORS & AFFILIATIONS

Kevin M. Baird Memorial Scholarship 2003, 2004

ASHRAE Senior Project Grant 2004

Howard J. Waltemeyer, Sr. Scholarship 2004

Phi Alpha Epsilon – Architectural Engineering Honors Society Inducted 2004

Tau Beta Pi – The Engineering Honors Society Inducted 2003

Vice President

Jan. 2004 ~ Present

Student Faculty Liaison

Aug. 2003 ~ Aug. 2004

ASHRAE 2003 ~ Present

Penn State Science Fiction Society 2000 ~ Present

Vice President

2002 ~ 2004

Secretary

2001 ~ 2002

References available upon request

Thesis Website:

<http://www.arche.psu.edu/thesis/2005/bjb278/>