

ALEXANDER J. BURG

OBJECTIVE

To obtain a full-time position as a Structural Engineer in an Architectural Engineering Company

EDUCATION

The Pennsylvania State University, University Park, PA Graduate: May 2012
Bachelor of Architectural Engineering (B.A.E.) - Structural Option
Five Year Professional Degree - ABET accredited
G.P.A.: 3.14/4.00

The Pantheon Institute, Rome, Italy - Minor in Architecture May- June 2010

- Fundamentals of Engineering to be taken in April 2012, EIT status upon graduation

RELATED COURSES

Master Level Classes* & Electives:

Computer Modeling of Building Structures*
Analysis & Design of Steel Connections*
Design of Wood Structures
Design of Masonry Structures
Ancient Roman & Medieval Structural Design

Past and Present Core Structural Classes:

Comprehensive AE Senior Thesis Project
Advanced Steel Design for Buildings
Advanced Concrete Design for Buildings
Design of Indeterminate Structures
Geotechnical Engineering

COMPUTER SKILLS

STADD	ETABS	AutoCAD	Solid Works	Microsoft Office
SAP	RISA	Revit	DreamWeaver	

RELATED WORK EXPERIENCE

Johnson, Mirmiran, & Thompson, Sparks, MD June- August 2011

Facilities Structures Intern:

Aided with preliminary structure design, put together cost estimates, and helped gather code information with regards to county specific design criteria within Virginia, Maryland, & Pennsylvania

Projects:

PSU Altoona Medical Center
DCA River Rescue Boat House
Rutkowski Demolition

Applied Research Lab, State College, PA May- August 2009

Laser Research Assistant:

Designed and constructed laser welding mechanism as well as helped advisor with other engineering jobs with the company

AWARDS & ACTIVITIES

Chancellors Award Scholarship, \$2000, 2007-2008
Dean's List, Fall 2007
Student Society of Architectural Engineers (SSAE): Mentor Member