

Alissa Leigh Popovich

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EDUCATION

The Pennsylvania State University

University Park, PA | Fall 2004 – Spring 2009

- **Bachelor/Master of Architectural Engineering** – Structural Option
- 5 Year Professional Degree – ABET Accredited
- Minor in Architecture Studies
- **EIT Status** upon Graduation
- Dean's List – Previous 5 Semesters
- Anticipated Graduation – **May 2009**
- GPA – **3.43**

Sede di Roma

Rome, Italy | Summer 2007

- 12 credits on historical structural analysis, contextual architectural design, Roman urban development, and architectural theory as related to the Italian culture

WORK EXPERIENCE

Robert Silman Associates

New York, NY | Summer 2008

Structural Engineering Intern

- Evaluated connection detailing of steel structures
- Performed load analysis calculations on both existing structures and new structural designs
- Modeled and analyzed multi-story buildings and steel structures in RISA and RAM Structural
- Regularly attended client meetings and site visits
- Conducted surveys to determine the structural integrity of existing buildings

HPArchitects

State College, PA | Summer 2007

Architectural Intern

- Participated in the design of a church and developed the full set of construction documents and details
- Researched IBC and ADA codes for design application
- Contacted the client via phone and email to ensure that design criteria were met

Penn State OPP

University Park, PA | Summer 2006

Architectural Intern

- Conducted building surveys and documented current building conditions
- Transferred architectural hand drawings into CAD drawings
- Designed ADA approved restroom

RELEVANT COURSES

* [M] denotes Masters Course

- Steel Design; Advanced Steel Design
- Steel Connections [M]
- Concrete Design; Advanced Concrete Design
- Wood Structures Design
- Indeterminate Structures
- Geotechnical Engineering
- Masonry Design
- Earthquake Engineering [M]
- Senior Thesis Design Project [M]
- Building Enclosure Science and Design [M]
- Building Failures [M]
- Computer Modeling of Building Structures [M]
- Architecture History and Theory
- Architectural Design Studio (Four Semesters)
- Sustainable Building Methods [M]
- Historical Methods of Structural Analysis [M]
- Surveying

SKILLS AND COMPUTER PROGRAMS

- AutoCAD
- RAM Structural; RAM S-Beam
- RISA 3D
- ETABS
- SAP 2000
- STAAD Pro
- Dreamweaver; Photoshop
- Programming in Excel