

ANDREW D. SIMONE

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OBJECTIVE

To obtain a full time position with an innovative structural design firm and attain registration as a Professional Engineer

EDUCATION

The Pennsylvania State University, University Park, PA

Integrated Bachelor and Master of Architectural Engineering, B.A.E./M.A.E. (*Structural*)

Five Year Professional Degree, ABET accredited

Minor in Architecture Studies

Residential Building Construction Certificate

Graduation: May 2007

GPA in major: 3.28/4.0

Study Abroad: Sedi di Roma

Rome, Italy

- Studied ancient structural analysis, urban design and development
- Design work displayed in *Finestra Studio*, Galleria Dora Pamphilj

Course Work: Masonry Structures Design

Wood Structures Design

Foundation Design

Modern Structural Systems Design

Pre-stressed Concrete Design

Earthquake Resistant Design

Steel Connections Design

Building Enclosure Systems Design

EXPERIENCE

JPC Group, Inc.

Project Manager Intern

May 2006 - August 2006

Philadelphia, Pennsylvania

- Administered daily construction, managed costs, worked in conjunction with superintendents and engineers on various Philadelphia projects

S&A Homes, Inc.

Technical Services Intern

January 2006 – May 2006

State College, Pennsylvania

- Analyzed roof and floor systems for loading and deflection criteria
- Sized residential framing elements using engineered wood products

The Design Collaborative

Architectural/Engineering Intern

May 2003 – August 2003

Cap May, New Jersey

- Assisted design architect on largest high school in southern NJ
- Detailed MEP placed in commercial and educational institutions

Simone Construction, Inc.

Foreman/Carpenter

June 1998 – August 2002

Berlin, New Jersey

- Coordinated multiple commercial projects' start-up, planning, and delivery
- Directed framing and construction crews in commercial/residential development projects

COMPUTER SKILLS

AutoCAD 2007

ETABS

Primavera

Microsoft Office

THERM

FASTPlan

RAM

Heavy Bid

Web Design

WUFI

HONORS

The Pennsylvania State University 2004 Engineering Award

- Award annually presented to a student who has excelled in the engineering curriculum

LEADERSHIP

Lion Ambassadors, *Vice President*

Student Government Association, *Senate Member*

The Pennsylvania State University, *Tutor/Peer Mentor Program*

SAE: Society of Structural Engineers, *Student Member*

PACE: Partnership for Achieving Construction Excellence, *Student Member*

AE Senior Thesis ePortfolio: www.arche.psu.edu/thesis/eportfolio/2007/portfolios/ads220