

NASSER A. MARAFI

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Senior Thesis e-Portfolio: <http://www.engr.psu.edu/ae/thesis/portfolios/2008/nam202/index.htm>

OBJECTIVE

To obtain a fulltime position in the Structural field of Architectural Engineering for a reputable firm that utilizes my international experience and engineering related skills.

EDUCATION

Integrated Master & Bachelor of Architectural Engineering - Expected August 2008

The Pennsylvania State University, University Park, PA

- 5-year ABET Accredited Professional Degree – Receive *EIT* upon graduation
- Structural Field of Study
- LEED AP *Pending*
- Minor in Architectural Studies
- **“Sede di Roma” Study Abroad Program in Rome - Summer 2006**

Bachelor Cumulative GPA – 3.55 / 4.00

Master Cumulative GPA – **3.67** / 4.00

Completed Courses

Advanced Steel Design	Steel Connections	Advance Concrete Design
Indeterminate Structures	Modern Structural Systems	Geotechnical Engineering
Structural Modeling	Sustainable Building Methods	Architectural History & Design
Masonry Structures	Prestressed Concrete	Earthquake Engineering
Building Construction Industry	HVAC Fundamentals	Electrical and Illumination Systems

WORK EXPERIENCE

Structural Intern - *Summer 2007*

KPF Consulting Engineers, New York, NY

- Performed earthquake linear analysis for existing GSA buildings
- Designed mat foundations in poor soil conditions for buildings in high seismic zones
- Designed concrete beams, columns and footings for bridges in high seismic zones
- Assembled drawings in the design development phase

Assistant Structural Engineer - *Summer 2006*

Ahmadiyah Contracting & Trading Co., *Kuwait City, Kuwait*

Al-Hamra Tower (Architect of Record: **Skidmore, Owings and Merrill**)

- Monitored concrete temperatures during curing of tower foundation
- Verified steel reinforcement with shop drawings
- Performed daily check lists and weekly progress reports
- Organized curb stone layout and wheel stopper placements of tower parking garage

HONORS AND ACTIVITIES

- Dean's Honor List Award (6 Semesters)
- American Concrete Institute
- Kuwait Student Association
- Merit Award for Senior Thesis
- American Institute of Steel Construction
- IM Sports: Soccer, Skiing & Strength Training

ENGINEERING RELATED SKILLS

Software Experience

SAP 2000	ETABS	SAFE	Microsoft Excel
RAM Structural	RAM Concept	STAAD.Pro	MatLab
Revit Structure	AutoCAD 2008	PCA Programs	Adobe Dreamweaver
Adobe Photoshop	Microsoft Project	Microsoft Office	C++

Fluent in Arabic

References Available Upon Request