

Rami Y. Moussa

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Education

The Pennsylvania State University

Bachelor of Architectural Engineering: Mechanical Option

Date of graduation May 2011

- 5 year ABET accredited undergraduate program
- Will obtain EIT certification upon graduation
- The Pennsylvania State President's Freshman award for maintaining a 4.0 grade point average at the end of the 2006 fall semester
- Current cumulative GPA of **3.31**

Employment History

Syska Hennessy Group

Engineering Intern

Summer of 2010 | Cambridge, MA

- Worked in a mechanical design team to develop and draft design drawings in Autodesk AutoCAD and Revit
- Performed a building load analysis using Trane Trace 700
- Surveyed the chilled water system in a 400,000 square foot existing building and created record drawings

CWC Builders, Inc.

Autodesk Revit Modeler

Summer of 2009 | Newton, MA

- Assembled and up kept multidisciplinary coordination Revit models for two developing projects
- Displayed and walked through models and worked with subcontractors during weekly coordination meetings
- Created layout drawings, Revit component families, and prepared requests for information

Assistant to General Contractor Project Manager

Summer of 2007 | Newton, MA

- Created product proposals from specification lists
- Processed: change orders, requests for information, and submittals

Assistant to General Contractor Superintendent

Summer of 2006 | Newton, MA

- Assisted in overall management of on site construction
- Marked construction layouts and ensured sanitary working conditions on site
- Created and recorded purchase orders, requests for information, and daily progress reports

Extra Curricular Activities and Academic Achievements

Student Society of Architectural Engineering: 2nd Year Representative 1 semester

3rd Year Representative 2 semesters

Webmaster 2 semesters

American Society of Heating, Refrigerating, and Air Conditioning Engineers: Student Member

Architectural Design Analysis: Fall 2009 Design Competition Winners

Relevant Courses Completed and Computer Proficiencies

Courses completed by December, 2010:

- Advanced HVAC Design
- Centralized Cooling Systems
- Building Load Energy Simulation
- HVAC Controls

Proficient Computer Programs:

- Autodesk AutoCAD
- Autodesk Revit
- Trane Trace 700