

# Michael Bologna

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**OBJECTIVE:** Earn an internship in a professional atmosphere where structural engineering principles from my education can be applied.

**EDUCATION:** *5<sup>th</sup> Year in Structural Option*

Integrated Bachelor and Master of Architectural Engineering  
Expected Graduation: December, 2016

The Pennsylvania State University, University Park, PA

GPA: 3.43

**Passed FE Exam in Spring 2015**

-Will receive EIT certification upon graduation

**Major related classes:**

- Advanced Steel Design
- Advanced Concrete Design
- Design of Masonry Structures
- Computer Modeling of Building Structures
- Earthquake Resistant Design

**EXPERIENCE:** **Rathgeber\Goss Associates** Rockville, MD / *Summer 2015*

- Created structural models in RAM Structural System for analysis and design
- Designed concrete slabs in RAM Concept for new construction
- Verified existing post tensioned and non-post tensioned slabs for new loads with RAM Concept
- Verified design of concrete beams and redesigned reinforcing if necessary
- Assisted in creating and revising sheets in Autodesk Revit for permit approval
- Checked shop drawings for consistency with structural set

**Rolls-Royce** Beaver Valley Power Station / *Summer 2013 & 2014*

- Identified chemicals that could be potentially hazardous to the First Energy Nuclear Power Stations

**SKILLS:**

**Knowledge in:**

- RAM Structural System
- AutoCAD
- RISA3D
- SAP2000
- Autodesk Revit
- ETabs
- RAM Concept
- Photoshop
- Google Sketchup

**ACTIVITIES:** Structural Engineers Association  
Achieved Eagle Scout rank in Spring 2011