

# Brian Rose

HOME:  
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## OBJECTIVE

To obtain a demanding structural engineering career and use my skills to improve society.

## EDUCATION

Bachelor and Master of Architectural Engineering (Graduation- 2012)  
Pennsylvania State University- University Park, PA **GPA 3.88**

- Structural Option
- Minor in Architectural Studies
- Study abroad in Rome, Italy 2009
- EIT status upon graduation in May 2012

## SKILLS

Software—Revit Structure & Architecture, AutoCAD 2010, RAM, RISA 3D, STAAD  
Completed Classes—Advanced Steel Design, Advanced Concrete Design, Steel  
Connections, Finite Element Analysis, Architectural Design Studio  
MEP Seminar—Completed an intern workshop, hosted by Xth Engineering.

## EXPERIENCE:

Cannon Design: Buffalo, NY (5/2011 -- 8/2011)  
Structural Engineering Intern

- Developed progressive collapse procedures for analysis of VA hospital.
- Designed entire concrete scheme for schematic design phase.
- Modeled and analyzed multiple steel and concrete hospitals in RAM.
- Developed, detailed and coordinated structural drawings in Revit 2011.
- Checked steel shop drawings.

EwingCole: Philadelphia, PA (2/2010 -- 8/2010)  
Structural Engineering Co-op

- Designed: retaining walls, individual beams, beam reinforcing, base plates.
- Transferred paper shop drawings.
- Modeled and analyzed portions of multiple steel and concrete hospitals in RAM.
- Drafted structural details in both Revit and AutoCAD.
- Wrote an excel program to design vertical bracing connections.

## ACTIVITIES/ LEADERSHIP/ VOLUNTEERING:

Earthquake Engineering and Research Institute (2010-present)  
Design Team Leader  
Student Society of Architectural Engineers (2009-present)  
Structural Engineering Association (2009-present)  
Events Coordinator  
National Society of Collegiate Scholars (2007- present)  
Center for Student Missions (2005 and 2006)

## REFERENCES:

Available upon request.