

# Christopher B. Decker

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- OBJECTIVE** Obtain a **Structural Engineering** position designing buildings in order to gain the necessary experience for registration as a **PE**.
- SUMMARY** Structural Engineering Internship with **Moseley Architects**  
**Proficient with:** AutoCAD, STAAD, RISA 2D & 3D, RAM Structural Systems,  
RAM S-Beam & Column  
Passed the Fundamentals of Engineering Exam, (**FE Exam**) *April '07*  
Eligible for Engineer in Training, (**E.I.T.**) Status after Graduation  
Boy Scouts of America **Eagle Scout Award**
- EDUCATION** **The Pennsylvania State University, University Park, PA** *May '08*  
**Bachelor of Architectural Engineering (B.A.E.) – Structural Option**  
The B.A.E. is a 5 year professional ABET accredited degree  
Current Major GPA: 2.96 through 149 of 168 credits
- Relevant course work:**
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|--|--------------------------|
| Introduction to Structural Analysis      | Indeterminate Structures |
| Design of Steel Structures               | Advanced Steel Design    |
| Design of Concrete Structures            | Advanced Concrete Design |
| Modern Structural Systems                | Masonry Design           |
| Geotechnical Eng. (Building Foundations) |                          |
- EXPERIENCE** **Structural Engineering Internship** *May '07 – Aug '07*  
**Moseley Architects, Richmond, VA**  
Designed the Structural System of an Elementary School top to bottom  
Created many RAM Structural Models for Preliminary Designs  
Worked on various other projects, checked detailing, ran analysis of frames
- Became Proficient with designing:** Steel Frames, Braced Frames, Roof and Floor  
Joists, Masonry Walls, Masonry Shear Walls, Seismic Design, Wind Design
- ACTIVITIES** American Institute of Steel Construction *Jan '07 – Present*  
The Architectural Engineering Roller Hockey Team *2004 – 2007*
- THESIS** T.C. Williams High School  
Alexandria, VA 22302  
Originally 3 Stories @ 461,000 SF  
Adding 2 additional Stories  
Redesigning the structural system, looking for a more economical design
- REFERENCES** Available Upon Request