

Ralph Gary Kreider

Objective To obtain an Architectural Engineering internship focusing on the use of Building Information Modeling (BIM) Construction Management for the summer of 2009. Currently planning to return to the Pennsylvania State University for Doctoral studies in Context-Aware Building Information Modeling.

Education *The Pennsylvania State University* University Park, PA August 2004 – May 2009
Integrated Bachelor and Master of Architectural Engineering (B.A.E./M.A.E)

- Undergraduate Transcript GPA is 3.55 on a 4.0 Scale
- Graduate Transcript GPA is 3.86 on a 4.0 Scale
- Dean's List: Spring 2006 until Present
- Awaiting E.I.T. Certification upon Graduation
- Five-Year Professional Degree in an ABET Accredited Program
- Received several Departmental, University, State, and Private Scholarships and Grants
- Coursework focused on Construction Management as well as all disciplines of Architectural Engineering including Architecture, HVAC, Structural, Lighting/Electrical and Graduate Courses
- Computer Skills: Autodesk Revit: Architecture, MEP, Structural; Navisworks Jetstream, Autodesk AutoCAD; Adobe Photoshop, Primavera Expedition, Microsoft Project and Office

Experience *Penn State AE Department* University Park, PA Spring 2008 – present
CIC Research Assistant / Teaching Assistant

- Assisted with clash detection using Autodesk Revit MEP for the Hershey Cancer Center
- Instructed a class on Autodesk Revit basics
- Helped develop curriculum and teach for the New Integrated Arch. and Arch. Engineering Studio

Foreman Program and Construction Managers Manheim, PA Summer 2008
Construction Management Intern

- Assisted a Project Manager with multiple daily tasks such as estimating, correspondence, job conference recording, pre-bid activities, bid-day activities, punch listing, and daily reporting
- Aided in the Site Management of additions and renovations a middle and high school
- Furthered the Building Information Modeling of developmental project for Foreman

Penn State University Police University Park, PA Spring 2005 – Spring 2008
Auxiliary Officer

- Provide a visible deterrent towards crime during various events at Penn State
- Employee of the Month, October 2006; Fall 2006 Advancement Award

Warfel Construction Lancaster, PA Summer 2007
Construction Management Intern

- Assisted with the day-to-day tasks of a superintendent on a residence hall at Ursinus College
- Compiled and completed punch lists for all building components as they neared completion
- Ensured that all subcontractors complete their tasks according to Warfel's standards

Camp Swatara Bethel, PA Summer 2004 – 2006
Building and Grounds Assistant

- Maintained the day-to-day repair and services of a large resident and family camping center
- Received practical knowledge of stone wall masonry, woodworking, basic plumbing, basic electrical and lighting, small-scale construction, and various other maintenance skills
- Acted as Building and Grounds Manager for several weeks over the summer

Interests

- Student Society of the Partnership for Achieving Construction Excellence (S:PACE) Officer
- Mechanical Contractors Association of American (MCAA) Student Chapter Design Team Officer
- Campus Bible Fellowship (CBF) and Alliance Christian Fellowship (ACF)
- Intramural Sports: Volleyball, Football, and Hockey
- Varsity Men's Volleyball team manager, Spring 2005
- Outdoor School Counselor, Fall 2004, Spring 2005, Fall 2005