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Kurt S. Krasavage

Objective: To obtain a full time position in the field of structural design and analysis, utilize my education, and gain practical engineering experience.

Experiences: **DESIMONE CONSULTING ENGINEERS PLLC, Miami, FL**
INTERN - (2006 & 2007) – Checked shop drawings for all types of reinforcement in columns, shear walls, slabs, and beams. Checked all shoring and reshoring calculations and drawings. Reviewed glazing drawings for structural elements and compared cladding reports and N.O.A.'s with submitted plans for acceptable approval of connections and structural design. Checked all post tensioning and stressing reports giving the contractor permission to cut, grout, and cap cables. I assisted with multiple site inspections on multiple jobs checking all vertical and horizontal reinforcement, slabs, post tensioning cables, pour strips, and masonry. Built two models using RAM to design a post tensioning floor system for multiple townhouses. Calculated column take-downs for Boca Raton Community Hospital. Reviewed inspection reports dealing with grout cubes, concrete cylinders, geotechnical, etc. Designed basic structural members for multiple buildings.

Education: **Fall 2003 and Spring 2004 Semesters – The Pennsylvania State University, Wilkes-Barre Campus, Lehman, PA**
Fall 2004 Semester - Present – The Pennsylvania State University, University Park Campus, State College, PA
Pursuing my Bachelor of Architectural Engineering (Structural Option)
(ABET accredited 5 - year professional degree)
Expected Graduation: May 2008
<http://www.engr.psu.edu/ae/thesis/portfolios/2008/ksk165/>
Current GPA: 3.05/4.00

Passed the NCEES Fundamentals of Engineering Exam

1999-2003- Wyoming Valley West High School, Plymouth PA
Graduated with Academic Honors, Graduated in top 20% of class

Related Courses: Steel/Timber Design, Advanced Steel Design, Concrete Design, Advanced Concrete Design, Design of Wood Structures, Modern Structures, Foundations, Structural Analysis, Indeterminate Analysis, and Mechanical Behavior of Materials,

Second Language: Spanish (5 years) Honors

Activities: Penn State Alumni Association (Blue and White Society)
Student Structural Engineering Association (S.S.E.A.)
Student Society of Architectural Engineering (S.S.A.E.)

PC Skills: STAAD, RAM, PCA Column, PCA Beam, MINITAB, AutoCAD, Computer Programming (C++ and MATLAB), Microsoft Office including Word, Excel, and PowerPoint, and Keyboard/Formatting.