

David M. Baugher

8717 W. 80th St.
Overland Park, KS 66204
(314)805-0938
dmbaugher@gmail.com

Objective: Obtain a full time position with an engineering company where I can use my engineering and leadership skills to improve the companies efficiency and productivity.

- Experience:*
- Assistant Structural Engineer** Stilwell, KS
Jan. 08 – Present
Sega, Inc.
- Designing structural steel and concrete foundations for power generation equipment.
 - Analyzing existing structures for safe usage. Improving structures, if needed, for continual use.
 - Writing proposals for subcontracted work (i.e. geotechnical investigations and surveys).
- Construction Materials Testing Intern** St. Louis, MO
May – August 2007
Geotechnology, Inc.
- Quality control testing for ready mix concrete. Tests performed: slump, percent air, temperature, and location of concrete placement.
 - Inspected rebar placement and checked the correlation to the construction plans.
 - Broke concrete cylinders at 7 and 28 days.
- Undergraduate Research** Rolla, MO
May – Nov. 2006
University of Missouri – Rolla
- Set up and ran gradation experiments involving railroad ballast material.
 - Took gradation data results and compared them graphically.
 - Undergraduate research paper was referenced in a graduate students research thesis.
- Material Intern** Chesterfield, MO
May – August 2005
MoDOT
- Quality control, measured moisture content and correct material weight being put into ready mix concrete for state work.
 - Conducted an assortment of material tests in MoDOT testing lab.
- Education:* **B.S. Civil Engineering** Grad. - Dec. 2007
GPA: 3.098
University of Missouri – Rolla
(Missouri School of Science & Technology)
- Computer Skills:* RISA-3D,-2D,-Foundation; LPILE Lateral Pier Design; Ramsbeam; AutoCAD; MS Excel, Word
- Training/* Engineer in Training (Missouri)
Achievements: OSHA certified (10 hour OSHA training class)
Multiple training sessions on ASCE-7 and IBC seismic and wind design codes
- Professional*
Organizations:
- Engineers Without Borders – Kansas City Professional Chapter** Kansas City, MO
- Currently working on designing a health clinic in Guatemala. Structural design includes: retaining walls, concrete columns, and CMU walls.
 - Local projects chair, setting up local projects with the E.W.B. group including stream cleans and charity work.
- Kappa Phi Building Corporation - Treasurer**
- Fraternity alumni association which oversees fraternity operations.
 - Manage finances for the association, make yearly budgets, coordinate and pay taxes and other bills.