

Joshua Keith Goodall, EIT

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OBJECTIVE

Upon graduation from Oregon State University with a Masters Degree in Structural Engineering, I intend to work designing large infrastructure such as dams, bridges, and buildings.

EDUCATION

Oregon State University, Corvallis, OR

M.S. Civil Engineering, will receive in Fall/Winter 2009

B.S. Civil Engineering – Summa Cum Laude, June 15th 2008

Overall GPA: 3.97, Major GPA: 3.97. Class Rank: 1 of 137

EXPERIENCE

Oregon State University, Corvallis, OR

Graduate Research Assistant: Structural Engineering (June 2008 to present)

- Design and testing of full scale concrete T and IT girders
- General laboratory management including material orders, machine operation, and maintenance

Teacher's Assistant: AutoCAD and ArcGIS (September 2006 to June 2008)

- Assisted students with homework during classes and office hours
- Composed 4 Laboratory and 6 Homework assignments for future class use.

Quincy Engineering, Salem, OR

Engineering Intern (June 2007 to December 2007) Participant through CECOP program.

- Designed pier retrofits for HWY 50 Bridge near Placerville, CA.
- Load rating and retrofit design for historic Winston Bridge near Roseburg.

Kennedy/Jenks Consultants, Portland, OR

Engineering Intern (April 2006 to September 2006) Participant through CECOP program.

- Designed Aerobic Digestion and Tertiary treatment systems for Tillamook Wastewater Treatment Plant.
- Effluent temperature field studies and odor control design for Hermiston Wastewater Treatment Plant.

SKILLS

- Experience using B.R.A.S.S., AutoCAD, MathCAD, Matlab, Microstation, SAP, Microsoft Excel, Visual Basic, ArcGIS, and Microsoft Word computer software.
- Practical design and coursework experience in Prestressed Concrete, Reinforced Concrete, Steel, and Masonry.
- Graduate-level structural analysis coursework in Masonry, Bridge, Foundation, and Seismic Design, Structural Dynamics, Matrix and Finite Element Analysis.
- Some practice in written and verbal Spanish communications (entry-level proficiency).

LEADERSHIP ROLES, HONORS

- Outstanding Student Award – Civil Engineering, OSU 2008
- Chi Epsilon Honor Society, Founding President - OSU Chapter
- ASCE/AISC Student Steel Bridge Competition, Design and Analysis Team Captain
- K'nex Bridge Seismic Design Competition, Team Captain – National 3rd Place
- Student Advisor, Professional Engineers of Oregon
- Treasurer, EERI Student Chapter
- Fundraising Chair, Grad. Student Representative, ASCE Student Chapter
- Inaugural SEAO Don Kramer Memorial Scholarship Recipient, 2008