

Gregory Rulifson

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Education

- Stanford University September 2009 – March 2011
 - M.S. Structural Engineering and Geomechanics, March 2011
- University of California, Berkeley August 2005 – May 2009
 - B.S. Civil Engineering, May 2009, GPA: 3.40, Upper Division GPA: 3.75
 - Global Poverty and Practice Minor

Relevant Courses

- Engineering Systems and Sustainability
- Design for Sustainable Communities
- Advanced Reinforced Concrete Design
- Architecture: Passive Heat, Cooling, Light
- Performance Based Earthquake Engineering
- Steel Structure Design
- Environmental Engineering
- Climate Change Mitigation

Work Experience

- Stanford Civil Engineering / Engineers for a Sustainable World
 - Tsunami and Earthquake Preparedness Internship - Padang, Indonesia Summer 2010
 - Instructor, CEE 277S: Design for a Sustainable World March 2010 – June 2010
 - Seminar and Preparation Assistant September 2009 – March 2010
- Nicaragua Community Center Project, UC Berkeley/ USF November 2007-August 2010
 - Head engineer working with US and Nicaraguan academia and contractors to design and build a community center in a rural village in Western Nicaragua. Involved with technical, architectural, project controls, and management phases of the project.
- UC Berkeley Intramural Sports
 - Supervisor of 4 sport programs August 2007 – May 2009
 - Volleyball Referee August 2006 – May 2009
- Collins Engineers Inc. - Civil Engineering Intern May 2007-July 2008
 - Designed mechanically stabilized earth walls, composed spreadsheets, became familiar with technical drawings while collaborating with many other professionals and firms.

Research

- UC Berkeley
 - Fiber-reinforced, self-consolidating concrete for bridge piers Jan 2009-Aug 2009
 - Thermal research of a housing solution in French Polynesia Jan 2009 - Feb 2010

Skills

- Computer: ETABS, SAP2000, Autodesk Revit, AutoCAD, Matlab, MS Excel
- Communication
 - Excellent writing and public speaking skills
 - Proficiency in Spanish and Indonesian (writing, reading, speaking)

Awards

- UC Berkeley Tony Gonzalez Award – exemplifies character through intramural sports May 2008
- UC Berkeley Intramural Sports Most Valuable Referee May 2009
- Northern California Scholarship Foundation Scholar August 2005 – June 2010

Other

- Member EERI Stanford Chapter
 - Presented Tsunami Structures poster at the EERI Annual Meeting February 2011
- Member: ASCE national chapter, UC Berkeley Alumni Association September 2005 - present
- Member, Project Leader: Engineers for a Sustainable World
 - Presented Tsunami Structures poster at ESW National Meeting October 2010