

Ranferi Perez

7216 Enders Avenue, San Diego, CA 92122 • ran7perez@gmail.com • (760) 235 – 8690

STRUCTURAL/CIVIL ENGINEER

Engineer in Training (EIT) and graduate of an ABET-accredited Bachelor's in Structural Engineering with internship experience at Caltrans; knowledge of engineering theories, formulas, principles, specifications, and standards. I am eager to gain experience at the professional environment to prepare for the PE exam. Proficiency in AutoCAD, SolidWorks, SAP2000, and MS Office. Fluent in Spanish. Willing to relocate.

EDUCATION and CREDENTIALS

NATIONAL COUNCIL OF EXAMINERS FOR ENGINEERING AND SURVEYING

Engineer in Training (EIT) Certification, April 2011

UNIVERSITY OF CALIFORNIA, SAN DIEGO

Bachelor of Science in Structural Engineering (GPA: 3.16) with a minor in Spanish Literature, June 2012

- **Course Highlights:**

- Conceptual Design
- Structural Mechanics (Static, Dynamic, Vibration)
- Solid and Fluid Mechanics
- Statistics and Probability
- Pre-stress and RF Concrete Design
- Steel and Seismic Design
- MATLab
- AutoCAD

- **Activities:** Sigma Phi Epsilon (Spring '08- Spring '11) Scholarship Chair; Society of Civil and Structural Engineers - Concrete Canoe Team - Aesthetics Lead; Education Abroad: Spain (Fall '11)

- **Course Projects:**

- Robotic Crane Design Project - Team Captain
Designed /constructed a 40 in. autonomously operational crane with 100 lbs of cargo capacity.
 - Gazebo Design Competition - 3rd place
Structure designed to withstand 50 lbs of dead load with constrained use of materials.
 - 20 ft Span Bridge - 3rd place
Designed and built a 20-foot span bridge subjected to 200 lbs of live load.
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PROFESSIONAL EXPERIENCE

CALTRANS, San Diego, CA

Executive department within the state of California responsible for improving mobility across the state.

Student Intern, June 2010 to July 2011 (Temporary)

- Updated contract change orders, handled cost-of-materials estimations, report and document tracking and on-site project visits.
- Assisted the project manager in office duties and assisted in small projects such as a gazebo.

PEET'S COFFEE AND TEA, La Jolla, CA

Barista, September 2008 to July 2011

- Provided excellent customer service, supervised and trained around 10 employees
 - Handled cash and credit card transactions, accurately counted \$500 in cash and recorded profits
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"Space and light and order. Those are the things that men need just as much as they need bread or a place to sleep." – Le Corbusier