**Jess Daniel Gascon, EIT**

**(Did not want to include contact information)**

**EDUCATION**

**California State University, Long Beach** *September 2011 – May 2016*

Bachelor of Science in Civil Engineering

**EXPERIENCE**

**WSP USA Orange, CA**

*Civil Engineer I February 2019 - Present*

* Developed plans for roadway projects including layout design and right-of-way acquisition.
* Designed and analyzed roadway geometrics using Caltrans standards.
* Assisted in QA/QC reviews to meet company and Caltrans standards.

**WKE, Inc. Santa Ana, CA**

*Assistant Transportation Engineer November 2017 – February 2019*

* Developed plans for roadway projects including layout design, profiles, utility relocation, and right-of-way acquisition.
* Designed and analyzed roadway geometrics using Caltrans and AASHTO standards.
* Calculated quantities and cost estimates for project submittals.
* Assisted in QA/QC reviews to meet company and Caltrans standards.

**Kreuzer Consulting Group Seal Beach, CA**

*Engineering Intern/Design Engineer February 2016 – November 2017*

* Created surfaces and surface profiles utilizing surveyor data and Civil 3D.
* Designed ADA compliant sidewalks, residential driveways, and curb and gutter utilizing surface profiles and city standard plans and details.
* Created basemaps utilizing aerial photos and county or city records.
* Developed plan sets and details for project submittals.
* Calculated quantities and cost estimates for project submittals.

**AJ Engineering, Inc. Placentia, CA**

*Engineering Intern September 2014 - March 2015*

* Calculated expected loads caused by pipe and HVAC systems on seismic restraint hangers.
* Applied Hilti PROFIS Anchor and California Building Code to verify anchor supports.
* Utilized NAVISWORKS on complex hanger systems for clash detection.

**CSULB American Society of Civil Engineers (ASCE) Long Beach, CA**

*Concrete Canoe Hull Design and Structural Analysis Lead July 2013 – May 2016*

* Designed and analyzed the hull shape for CSULB ASCE’s 2015 and 2016 concrete canoes using AutoCAD, Rhinoceros3D and Orca3D plug-in for respective ASCE regional conferences.
* Utilized knowledge of reinforced concrete design and American Concrete Institute codes to test the structural integrity of the concrete.
* Improved the efficiency of the procedure to design, analyze, and test the hull of the concrete canoe.

**SKILLS**

AutoCAD Civil 3D, AutoCAD, NAVISWORKS, MicroStation, InRoads, Microsoft Office Suite (Excel, Word, PowerPoint), Bluebeam Revu, Adobe Acrobat

**CERTIFICATIONS**

**Engineer-In-Training (EIT) California**

*Certificate No. EIT 155617 May 2015 - Present*