

Taylor Hendrickson

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EDUCATION:

California State University, Chico CA

Graduated May 2017

Bachelor of Science: **Mechatronic Engineering**

Minor: **Computer Engineering**

Cuesta College, San Luis Obispo CA

Graduated May 2013

Associates of Arts: **Liberal Arts - Math and Sciences**

EXPERIENCE:

Omega Forensic Engineering, Inc. – Forensic Report Writer – Remote

September 2019 - November 2020

- Worked on the Engineering Production Team writing Forensic Reports for insurance companies based out of Florida
- Received transcripts of field reports from engineers and converted them into forensic reports for insurance claims
- Wrote detailed forensic reports on properties that had sustained hurricane, hail, and/or water damages
- Attended video chat team meetings via Zoom and produced reports remotely from a laptop

The Ashton Company, Inc. – Field Engineer – Tucson, AZ

December 2018 - August 2019

- Worked as part of the management team that built the RICE natural gas project at the Sundt Generating Station in Tucson
- Directed a multitude of construction personnel on how to perform various quality control tasks
- Created numerous Bill of Materials spreadsheets, Requests for Information (RFI), and punchlists for subcontractors
- Layed out important locations using a Topcon GPS, such as underground pipes and building corners
- Set up and used a laser level to measure elevation and made sure any excavations were cut to the correct elevation

Caltrans - Assistant Resident Engineer - Visalia, CA (District 6)

March 2018 - November 2018

- Managed various construction personnel both on-site and off-site through face-to-face and phone conversations
- Made sure the contractor followed contract plans to assure any construction was built to the correct specifications
- Wrote Daily Engineering Reports detailing who, what, when, and where was going on every working day
- Routinely informed the Resident Engineer of any major updates, concerns, issues, and other notable activities
- Calculated quantities to be paid to the contractor at the end of every week

Caltrans - Transportation Engineering Technician - San Bernardino, CA (District 8)

October 2017- March 2018

- Monitored events using the CHP CAD system to make sure traffic kept flowing.
- Managed construction lane closures using the Caltrans LCS (Lane Closure System).
- Sent duty pages to various superiors in order to notify them about events happening on the freeways in District 8.
- Put up various warnings to the public of traffic incidents ahead using Changeable Message Signs (CMS).
- Contacted numerous contractors, supervisors, laborers, and other construction personnel by telephone for info.

Engineering Assistant (Junior College and Summer Breaks)

October 2010 - July 2016

- Kept submittals, certified payroll, requests for information, extra work and disputed work spreadsheets up to date.
- Checked calculations for construction quantities, change orders, and progress payments.
- Developed computer tutorials and set up hardware and software on various personal computers.
- Picked up material samples, verified concrete cures, and checked equipment deliveries.

SKILLS:

Writing: Technical/Forensic Reports, Website Articles

Software: SolidWorks, Microsoft Office Suite (Word, Excel, Powerpoint, Outlook), Photoshop, LabVIEW

Machines: Lathe, Mill, Table Saw, Drill Press, Arc Welder

Languages: C, Assembly, HTML, CSS, Python 3

Other: Search Engine Optimization, Internet Marketing, Facebook Advertising