

Andrew Zuniga

WEB DEVELOPER · CIVIL ENGINEER

Sacramento, CA

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Summary

I am a civil engineer and web developer with an interest in designing modern and robust web pages. I am a recent graduate of University of California, Berkeley Coding Boot Camp looking to leverage my experience building responsive web applications that delight end-users. For 5 years as an adaptable engineer I have kept a keen eye for detail in every project that I oversaw. I am qualified and confident to bring my talents as a web developer to your organization. I am also interested in learning new technologies and tools if the need arises.

Web/Media: HTML5/CSS3/Javascript · ReactJS · Photoshop · SEO

Programming: NodeJS · Git · APIs · JQuery · Bootstrap · Express

Experience

Caltrans

Marysville, CA

TRANSPORTATION ENGINEER

Aug. 2018 - Present

- Experienced quality assurance engineer of construction plans for nearly 3 years. I have overseen many projects with an eye for extreme details and marked issues that were overlooked by drafters and sent back to engineers for correction.
- Directly influenced the outcome of projects by developing strong understandings of manuals and guidelines for reviews.
- Scheduled and led meetings with senior engineers where their questions and concerns were addressed regarding projects.
- Developed interpersonal relationships with engineers from other disciplines within the company for quick access to necessary information on projects.
- Rotated and adapted into other branches of engineering such as Utility engineering and Designing as part of a program to understand different sections of the institution.

Sacramento County Department of Transportation

Sacramento, CA

STUDENT TRANSPORTATION ENGINEER

Sept. 2017 - July 2018

- Updated the County of Sacramento Pavement database using StreetSaver software from as far back as 2007.
- Assisted in creating SACOG application packages for future funding on complete street projects.
- Assisted Senior Engineers in different areas of our jurisdiction to perform sidewalk inspections for repair or reconstruction.
- Completed preliminary estimates for Overlay projects using GIS and the County Parcel Viewer website.

Syblon Reid

Folsom, CA

CIVIL ENGINEER INTERN

Apr. 2016 - Aug. 2017

- Performed quantity take-offs on various materials such as concrete, aggregate material and AC pavement. Procured sub-contractors for every project that we bid that provided exceptional work for the lowest possible price.
- Assisted Chief Estimators and Project Managers on multi-million-dollar projects.
- Traveled to various job sites across California to deliver materials and assist Project Managers.

ATM Engineering

Folsom, CA

CIVIL ENGINEER INTERN

Oct. 2015 - Jan. 2016

- Completed wind and seismic calculations.
- Initially reviewed and constructed calculation packages for submittal and approval.
- Collaborated with professional engineers to receive useful information about a project.
- Researched ASCE 7-10 and ICC - ES codes to understand the restrictions and allowable values for calculations.

Education

California State University, Sacramento

Sacramento, CA

B.S. IN CIVIL ENGINEERING

Aug. 2013 - May 2018

- Vice President, Institute of Transportation Engineers

University of California, Berkeley

Berkeley, CA

CERTIFICATION

Nov. 2020 - May 2021

- Deeply engaging Full Stack Course with knowledge and skills to build dynamic end-to-end web applications and become a full stack developer.
- Strong teamwork and project management skills as a collaborator or an independent contributor during development.