

Emelisa Vasquez

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OBJECTIVE

Seeking internship opportunities from a Civil Engineering organization that enables me to gain hands-on experience and knowledge to positively impact the community and environment.

EDUCATION

California State Polytechnic University, Pomona CA

BS Civil Engineering | August 2018- Present (Expected May 2022) | GPA: 3.620

SKILLS

Languages: Fluent in Spanish and English, Learning Mandarin

Computer Proficiency: AutoCAD Civil 3D, Microstation, InRoads Suite, SAP 2000, Microsoft Applications

Personal Skills: Quick learner, Time-efficient, Determined, Punctual, Detail-Oriented, Organization, Problem Solving

CLUBS AND ORGANIZATIONS

Steel Bridge

Project Manager | Fall 2021-Present

- Develop a project schedule for AISC's Student Steel Bridge Competition (SSBC) 2021-2022 to start delegating tasks to the technical and logistics team for preparation
- Lead and mentor the 17 elected student officers to ensure each individual is meeting their goals

Quality Control | Fall 2020-Spring 2021

- Interpreted SSBC rules to minimize any violations presented in preliminary designs
- Utilized AutoCAD Civil 3D to create a 3D modeled bridge based on a 2D linear design
- Developed and checked shop drawings for parts of the bridge for members to be fabricated efficiently
- Assisted in fabricating and constructing the final designed bridge with a minimum time frame during the pandemic leading us to win 1st place in our Pacific Southwest Region

Construction Team | Fall 2019

- Assisted with the fabrication of the bridge which allowed the ability to obtain a better perspective of what it takes to design and fabricate
- Teamed up with a group of 3 people to assemble the bridge under a certain time frame while following certain requirements

Institute of Transportation Engineers, ITE

Webmaster | Fall 2021-Present

- Keeping our website and social media accounts active to attract new members and professionals

ACADEMIC PROJECTS

Topographic Map | Spring 2019

- Collaborated with a team of 3 peers by surveying the engineering meadow on campus using a total station
- Created a topographic map with data collected, using AutoCAD Civil 3D

2D Designing | Fall 2018

- Using Microstation, outlined different sites on campus that included utilities

EXTRACURRICULAR ACTIVITIES

Math Tutor | June 2013-Present

- Organized a teaching method that best worked for the students based upon their strengths and needs

Soccer Captain | Hollywood High School | August 2017- June 2018

- Led and assisted 20 girls through games and practices through effective leadership skills and planning to help improve their skills and our overall teamwork