

Rosa Medina

8434 Decosta Ave. Whittier, CA 90606 | 562-328-3110 | ramedina@cpp.edu

Objective

Seeking to apply my knowledge of civil engineering to an internship where I can be a valued member of a team, as well as using my skills to further help my coworkers and employer.

Education

California State Polytechnic University, Pomona
Major: General Civil Engineering

Anticipated Graduation June 2018

Experience

LEARN LA

January 2014 – August 2016

Youth Leader

El Monte School District and Pioneer High School Whittier

- Coordinated with other youth members to plan safe activities for students.
- Prepared lesson plans based on common core standards and project based learning.
- Supervised students from kinder to 6th grade with other youth members.
- Building rapport with students, parents, and community.
- Tutored math: pre-Algebra to Calculus 3.

Skills

- moderate Spanish
- Civil 3D AutoCAD
- Microsoft Word, PowerPoint, and Excel.
- SAP 2000
- MicroStation & Inroads

Technical Projects

Highway Design

- Designed highway with on/off ramps, vertical and horizontal alignments using MicroStation & Inroads Suit.
- Followed CalTrans Highway Design Manual codes.
- Drafted road templates, corridors, and cross sections of cut/fill for earthworks.

Water Network Analysis

- Designed a pipe network using WaterCad. Concluded an adequate pipe size satisfying given flow rate demands from Western Municipal Water District regulations.