

# STEVEN A GUTIERREZ, EIT

15321 Midcrest Drive, Whittier, CA 90604 | (562) 665-0301 | steveng@cpp.edu

## EDUCATION

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**California State Polytechnic University, Pomona** **Civil Engineering, B.S,** June 2018

- Curriculum Highlights: Highway Engineering, Traffic Engineering, Urban Transportation, Structural Steel Design, Water Treatment Engineering, Hydraulic Engineering, Geotechnical Engineering, Engineering Economics

**EIT Certification No. 162794**

## EXPERIENCE

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**Los Angeles County Department of Public Works** **Alhambra, CA**  
*Civil Engineering Student* July 2017 - Present

- Assisted Engineers in managing various projects with ESRI applications
- Developed Survey123 Smart Forms to collect efficiently collect curb ramp attributes and automatically determine their ADA compliance
- Participated in monthly meetings with RMD HQ and MD staff concerning the status of projects
- Coordinated with staff in other divisions to ensure timely delivery of projects

**Target** **Whittier, CA**  
*Electronics Team Member* June 2016 – July 2017

- Developed customer service skills to assist guest with varying needs

## ACADEMIC PROJECTS

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**SR-60 Expressway Improvement – CPP Senior Project**

*Geometric Team Lead*

- Worked with a team of other Cal Poly Students to design alternatives for interchanges of proposed SR-60 Expressway improvement to Freeway status in Beaumont, CA with guidance of Caltrans mentors.

**Urban Transportation Project**

- Used TransCAD to simulate projected growth in the city of Amarillo, Texas and 4-step model to create no build model. Then used results to determine viable alternatives to alleviate traffic in models.

**Highway Engineering Project**

- Created new highway alignment and ensured the features adhered to the standards set forth by the Caltrans Highway Design Manual

## KEY SKILLS

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Engineering skills: AutoCAD/Civil 3D, Bentley MicoStation V8i/InRoads, PTV VISSIM v7, Arcgis/ESRI applications, TransCAD, Leica Total Station, MATLAB

Business Software: Microsoft Word, Excel, PowerPoint, Pages, Numbers, Keynote

