

# ANDREW M. CRUTCHFIELD

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## EDUCATION

**Bachelor of Science:** Civil Engineering : Expected Gradation June - 2018  
**California State Polytechnic University, Pomona** - Pomona, CA

## HIGHLIGHTS

- Experience with AutoCAD, Microstation, Inroads, Synchro
- Experienced communication skills
- NPDES experience
- 3.09 GPA
- Proficient with Microsoft Office programs
- Field work experience
- Experience working with general public as well as professionals
- ASCE and ITE Member

## ACCOMPLISHMENTS

- 2014-15 Civil Engineering Outstanding Student Scholarship Award Winner
- Member of the Cal Poly Pomona Kellogg Honors College
- 2013 Military Order of the World Wars Youth Leadership Award Winner
- Designed and managed a multimedia website that has earned over \$20k in total revenue
- Responsible for compliance for multiple multi-million dollar public works projects
- Assisted in enforcement of NPDES program, which included adding and inventorying more than 450+ CPS units for a public municipality
- 2014-15 Academic Presidents List

## EXPERIENCE

11/2016 to Current

**Traffic Engineering Intern**  
**City of Santa Ana** - Santa Ana, CA

- Assisted traffic signal operations engineer in daily tasks
- Managed traffic management center for the city
- Utilized Microstation to draw and create traffic signal plans
- Assisted with modification of citywide phase projects
- Collected field data for traffic signal projects
- Updated city plans and as-builts
- Maintained and updated timing sheets for traffic signals

07/2015 to 11/2016

**Construction Engineering Intern**  
**City of Santa Ana** - Santa Ana, CA

- Assisted project managers and senior engineers in daily tasks
- Managed and recorded project contract and construction documents
- Assisted construction inspectors with daily tasks
- Managed and organized payrolls for contractors
- Documented inspector daily reports
- Assisted stormwater engineer with NPDES program enforcement
- Field work experience

04/2015 to 06/2015

**Ride Operator**  
**Knott's Berry Farm** - Buena Park, CA

- Worked in a team to ensure safety of guests on rides
- Ensured that SOPs were followed and in place
- Effectively communicated with guests
- Maintained technical knowledge of ride operated

07/2014 to 09/2014

**Deli Clerk**  
**Sprouts Farmers Market** - Plano, TX

- Sliced and prepared food for customers as well as meals
- Ensured that jobs and responsibilities were performed in a timely manner and maintained critical communication with costumers
- Ensured that work area was clean and safe for food preparation