

# JONATHAN LEE, EIT

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## EDUCATION

**California State Polytechnic University, Pomona;** Pomona, California Sept. 2015 – June 2018  
*Bachelor of Science, Civil Engineering*

**California State University, Fullerton;** Fullerton, California Aug. 2013 – May 2015  
*Bachelor of Science, Civil Engineering; Transferred*

## SKILLS

- Experienced in Microsoft Word/Excel/PowerPoint, MicroStation, and Synchro 10. Knowledge in AutoCAD, Inroads Suite, Visual Studio, MATLAB, PTV VISSIM, and WaterCAD.
- Analyzed performance of water distribution networks and water mains using hydraulic requirements.
- Completed simple freeway interchange design in MicroStation.
- Evaluated traffic impacts using Trafficware's Synchro for existing and proposed highway designs.
- Communicates well and able to work independently or in a team.

## ACTIVITIES

**Traffic Team Member,** CPP Senior Project (SR-60 Beaumont Improvement) Sept. 2017 – Current

**Student Member,** *Institute of Transportation Engineers* Feb. 2018 – Current

**Student Member,** *American Society of Civil Engineers* Sept. 2014 – Current

## PROFESSIONAL CREDENTIALS

**Engineer-in-Training (EIT), State of California, NCEES** Certification Pending

**Greenroads Community Advocate (STP CA), Greenroads Foundation** Jan. 2018 – Current

**Envision Sustainability Professional (ENV SP), Institute for Sustainable Infrastructure** Dec. 2016 – Current

## PROFESSIONAL EXPERIENCE

JMDiaz, Inc.; City of Industry, California Feb. 2018 – Current

**Engineering Intern;** *Full Service Planning, Engineering, and Management*

- Used Trafficware Synchro to model intersections within Industry for future traffic analysis with signals, lane geometry, speed limits, etc. from as-built drawings, LA County's KITS timing sheets, and Google Maps.

U.S. Army Corps of Engineers, Los Angeles District; Los Angeles, California July 2017 – Sept. 2017

**Student Trainee Pathways Intern;** *Civil Design Section B*

- Documented and archived active and finished permits applications, respectively, within Excel databases.
- Identified special and required permit conditions within client deliverables.
- Prepared Structural, Hydrology & Hydraulics, and Geotechnical standard procedures for permit applicants.
- Located and indexed projects using coordinates in a KMZ database on Google Earth.
- Performed office responsibilities such as printing of permits and engineering drawings, creation of notes and presentations for client meetings, and deliveries of documents to other departments within the USACE.

City of Arcadia; Arcadia, California June 2017 – July 2017

**Intern;** *Engineering Division, Development Services Department*

- Inventoried city curbs, CCTVs, intersection traffic detectors, and traffic signal controls within Arcadia.
- Helped manage and update the city's intelligent transportation system using Metro's ITS FIRST.

California State Polytechnic University, Pomona; Pomona, California Oct. 2015 – June 2016

**Front Desk Assistant;** *University Housing Services*

- Aided residential advisors in organizing housing events and responded to inquiries from students.

Smith-Emery Company; Los Angeles, California June 2015 – Sept. 2015, June 2016 – Sept. 2016

**Laboratory Technician Assistant;** *Full Service Independent Testing Laboratory*

- Opened, labeled, stored, loaded and unloaded incoming client testing samples and materials.
- Handled and prepared testing of samples with hydraulic machines to test for maximum compression, tension, and shear forces. Samples include, but not limited to, mortar bricks, concrete cubes, bricks, cylinders, rebar, manholes, and soil in compaction tests.