

Brendan Pang

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Current Address

864 N Lorri Way
Walnut, CA, 91768

Permanent Address:

1710 8th Ave.
San Francisco, CA, 94122

Objective

Secure an entry-level engineering position that will allow me to practice my engineering, leadership, and communication skills while helping the company grow.

Education

California State Polytechnic University, Pomona
Bachelor of Science in Civil Engineering
EIT Certification, State of California
GPA: 3.11

Expected Graduation: Dec 2019

Relevant

Coursework

Civil Engineering CAD
Highway Transportation
Traffic Design

Structural Analysis
Waste Water Treatment
Applied Hydrology

Design Projects

- Transportation Senior Project (in progress)
 - So far, we have used various Caltrans manuals to create the erosion control, temporary traffic control, stormwater pollution prevention, utility, lighting, and planting plans of an intersection along route 41.
- Traffic intersection using Synchro
 - Given traffic impact estimations, a partner and I reconfigured a 3-way intersection into a 4-way intersection and updated the traffic light timings for the expected increase in traffic.

Experience

Intern, Transportation-Energy Solutions, Inc.

April 2019-Present

- Created utility plans for traffic intersections in primarily in the Los Angeles area based on as-builts received from clients and photos gathered from field visits.
- Familiar with the redline-scan correction process for plans.
- Assisted with designing traffic signal plans.
 - Added proposed poles, pull-boxes, conduit runs, loop detectors, and curb ramps based on Caltrans standards.

Production Crew, Los Olivos Dining Hall

January 2017-December 2018

- Worked closely with chefs, cooking various cuisines for students
- Taught new employees how to operate different cooking stations
- Awarded student of the semester in Fall 2018

Intern, Phoenix Day

June 2013- August 2013

- Participated in the restoration of the War Memorial Veterans Building

Skills & Certifications

- MS word, PowerPoint, Excel
- Design: MicroStation, AutoCAD, Synchro, SAP 2000
- Cantonese, Mandarin- intermediate