

Christopher Vong

• Norwalk, CA • (562) 735-1375 • cvong@cpp.edu

EDUCATION

California State Polytechnic University, Pomona
Bachelor of Science in Civil Engineering

Summer 2019

WORK EXPERIENCE

Operations Intern, Vulcan Materials Company – Reliance Sand & Gravel

June 2019 – Present

- Understanding the importance of safety and implementing safe work practices
- Understanding the process of turning raw material into a product
- Application of an educational background to business setting
- Creating a heavy equipment transfer form
- Operation and safety for heavy equipment
- Product quality control testing
- Weekly safety and production meetings

Administrative Intern, Systems Analysis & Research – LA Metro

July 2015 – Dec 2017

- Generated and managed a database for entrance corridors and transfer times for over 100 rail stations
- Produced heat maps showing speed and congestion in correlation with time of day and location for all freeways in LA County
- Heat Map project was presented to the Federal Transportation Authority in Washington, D.C.
- Verified and evaluated model transit paths and times to Google using TransCAD
- Determined the average of speed of Metro light rail for each segment (station to station)
- Evaluated Uber/Lyft cost and travel times to local transit

Contractor, Moreno Aviation Inc.

January 2015 – Present

- Assist in aircraft maintenance and repairs
- Administrative tasks

Service Advisor, Jax Bicycle Center – Long Beach

June 2013 – Sept 2015

- Provided excellent customer service while assisting customers
- Processed customer purchased and returns
- Motivated sales associates and team members to work efficiently.

Organizations

Events Coordinator, Member, Engineers Without Borders – Cal Poly Pomona Student Chapter

Fall 2018 – 2019

- Collaboration with Habitat for Humanity – Cal Poly Pomona Student Chapter
- Collaboration with CWEA-AWWA – Cal Poly Pomona Student Chapter
- Connect and volunteer with Pomona Valley Habitat for Humanity
- Fundraising with Engineers Without Borders – Professional Chapter

Events Coordinator, Sponsorship Coordinator, Scheduler, Cal Poly Pomona Cycling – Cal Poly Pomona

Fall 2013 – 2015

- Volunteer service technician: providing free repair services for all staff and students to the best of our ability.
- Negotiated with companies for sponsorships to support our riders and campus commuters, faculty and students alike.

Member, California Water Environment Association- American Water Works Association – Cal Poly Pomona

Fall 2018 – 2019

- Social media awareness competition

Member, Institute of Transportation Engineers – Cal Poly Pomona

Fall 2016 – 2019

ACADEMIC PROJECTS

- Transportation Senior Project: Intersection Redesign for SR41 & Rd 416
- Highway Design (CAD)
- RealWorks Survey 3D Model
- Vissim: Traffic Flow

SKILLS/ EXPERIENCE

- | | |
|--------------------------------|-----------------------------------------|
| • Bentley Systems MicroStation | • MATLAB |
| • AutoCAD Civil 3D | • CA-MUTCD |
| • esri ArcGIS | • Highway Design Manual |
| • TransCAD | • Temporary Traffic Control |
| • Robotic Total Station | • AASHTO |
| • Microsoft programs | • Storm Water Pollution Prevention Plan |
| • RealWorks Survey Advanced | • PTV Vissim |