

Anthony Huang

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Education

California State Polytechnic University, Pomona CA

Anticipated December 2024

Bachelor of Science in Civil Engineering, emphasis in Environmental Engineering

GPA: 3.67/4.00

Relevant Coursework: Surveying Engineering, Technical Communication, Newtonian Mechanics, Statics, Fluid Mechanics, Computer Programming and Numerical Numbers, Environmental Remediation, Water and Wastewater Engineering, Applied Hydrology

Experience

Metropolitan Water District, Los Angeles, CA

July 2023 – March 2024

Internship Civil/Environmental Engineering

- Visited MWDs water and wastewater treatment plant to learn about how their processes work
- Attended numerous group meetings in discussing procedures and applications on handling tasks
- Worked with the Project Management teams in the conveyance and advanced water treatment sections of the Pure Water Program

Bell Technologies, Pomona, CA

March 2018 – September 2020

Computer Engineering

- Constructed computers to become operational for professional use
- Installed windows (program) into computers
- Service broken/ non-functioning computers for customers

Projects

Pure Water Program of Southern California

July 2023 – March 2024

MWD Internship

- Assisted in the conveyance and advanced water treatment project management team
- Collaborated with other companies to coordinate in nondisclosure tasks that pertains to the Pure Water Program
- Visited the advanced water treatment demonstration facility to learn about the process

Water Treatment Plant Design

CE 4201 – Water and Wastewater Engineering

- Designed a conventional water treatment system to supply water for the city
- Lead my team as the project manager, and organized a set of task to be completed
- Conducted various calculations using excel to determine if our water treatment system was functional

Pipeline Design

December 2022

CE 2061 – Fluid Mechanics

- Designed a pipeline to supply water to a golf course for irrigation
- Worked with team members to come up with correct pipe fittings and NPS & schedule
- Prepared a project proposal then present our design

Topographic Model of Engineering Meadow

December 2021

CE 1011-Surveying Engineering

- Worked with team members to gather 100+ points throughout Cal Poly Pomona
- Used the gathered points and implemented into AutoCAD Civil 3D to generate a model
- Cleaned up the design by hatching borders and outlines onto AutoCAD

Skills

Applications: AutoCAD, MicroStation, MS Office, Excel, MS Word, MS PowerPoint, Adobe Photoshop, Adobe Lightroom, WordPress, MATLAB, BlueBeam, ProjectWise, Primavera P6, MS Teams, WaterCAD, ENVSP certified

