

Anthony Tsoi

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Education

California State Polytechnic University, Pomona

- Bachelor of Science, Civil Engineering, Environmental Option

August 2020-May 2024

Cumulative 3.91 GPA

Experience

AECOM

Water Engineering Intern

September 2023- Present

AECOM HUNT

Estimating Intern

May 2023- September 2023

- Performed quantity takeoffs (QTO) for low-highrise buildings and studio projects on Revu Bluebeam.
- Designed and optimized residential unit layouts for prospective projects considering functionality and space utilization complying with CA Title 24 codes.
- Actively communicated with leads and senior estimators to ensure comprehensive cost analysis for projects.

Atkins North America

Water Infrastructure Intern

May 2022- April 2023

- Reviewed water infrastructure project submittals using QA/QC review process and provided technical comments.
- Researched government agencies to assist in business development.
- Prepared reports, specifications, and deliverables for existing and new projects.
- Drafted and addressed redlines on AutoCAD Civil 3D for water projects and roadways.

Projects

SD Midway Rising, AECOM HUNT

- Performed various QTO including site work, interior finishes/furnishings, and rough grading to assist project leads and senior estimators in precise cost analysis.

May 2023 – September 2023

FWRC DAFT 5, Atkins

- Drafted and revised structural and mechanical sheets on AUTOCAD Civil 3D of a DAFT.

June 2022 – April 2023

Cougar 3090 Zone Reservoir, Atkins

- Collaborated with senior engineers and designers to review 100 submittals in two weeks on Revu Bluebeam

June 2022

Riverside Drive Mill and Fill Design Services, Atkins

- Drafted roadways and structural details with geographic location on AutoCAD Civil 3D.
- Created plan-profile, details, and elevation sheets for final delivery to client.

June 2022

Coursework

Engineering Statics

Civil Engineering Materials

Fluid Mechanics

Statistics in Engineering

Mechanics of Materials

Water Resources

Construction Engineering

Environmental Engineering

Geotechnical Engineering

Applied Hydrology (in progress)

Water/Wastewater Treatment (in progress)

Environmental Remediation (in progress)

Skills

- Application: MicroStation, AutoCAD Civil 3D, Water CAD, Microsoft Suite, Revu Bluebeam, ProjectWise, Building Connected
- Languages: English (native) and Cantonese (intermediate)
- Activities: American Society of Civil Engineers (ASCE) & Construction Engineering Management Association (CEMA)