

Tommy Lin

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EDUCATION

University of California, Los Angeles – Los Angeles, CA

Expected Graduation Date: June 2024

Bachelor of Science: Civil and Environmental Engineering

Overall GPA: 3.778

- Chi Epsilon Member Fall 2021
- Sustainable Los Angeles Grand Challenge Undergraduate Research Program Scholar 2021-2022
- First Place, Environmental Design Competition, ASCE Pacific Southwest Conference, 2021
- Southern California United Food & Commercial Workers (UFCW) Unions and Food Employers Benefit Fund Scholarship Awardee 2020, 2021
- UFCW Local 770 Dental Health Associates Scholarship Awardee 2020, 2021

Mark Keppel High School – Alhambra, CA

Graduation Date: May 2020

Overall GPA: 4.28

EXPERIENCE

Undergraduate Research Assistant

Sept. 2021 – Present

Dr. Eric V. Hoek's Research Group

- Assessing water samples from various sources to test parameters such as pH, conductivity, dissolved oxygen, oxidation-reduction potential, and more for baseline calibration for a smart water filter
- Performing data collection, analysis, and processing for the baseline water sampling
- Aiding in the designing of a cluster sensor prototype to detect several water parameters such as conductivity, oxidation-reduction potential, pH, total dissolved solids, and temperature from a hardware standpoint

Project Director

May 2021 – Present

Environmental Design Project – American Society of Civil Engineers UCLA

Oct. 2020 – Present

- Coordinating organization of workspaces in Google Drive and Slack for competition rules, different project phases, workshops, and presentations
- Collaborated with a team of student engineers to compete in the Pacific Southwest Conference 2021's environmental design project focused on stormwater management plan to satisfy a MS4 permit for a site in Los Angeles
- Conducted literature review for environmental justice background for the project as well as for the community investment benefits of structural best management practices
- Highlighted the design of our chapter's project as one of four presenters at the ASCE 2021 Pacific Southwest Conference to industry judges

Kumon Assistant

April 2021 – Sept. 2021

Kumon Institute Education Co. Ltd – Montebello Hills

- Advising students from pre-K through elementary school through the Kumon reading and math curriculum once a week in a virtual classroom setting
- Building meaningful relationships with students and their parents to ensure academic success
- Assessing student performance through grading packets over time to evaluate future academic courses of action

Secretary

May 2021 – Present

American Society of Civil Engineers UCLA

Oct. 2020 – Present

- Coordinating communication between members, officers, and advisors in the organization
- Designing and relaying the weekly ASCE newsletter each week to keep members up to date about current events
- Compiling event reports, mentorship and mentorship goals, finances, and technical project year recap to synthesize the ASCE annual report to summarize the calendar year for the UCLA chapter

Eagle Scout

Sept. 2015 – Jan. 2020

Boy Scouts of America Troop 329

- Attained Eagle Scout rank November 2019
 - Conceptualized three community service projects, detail planned, budgeted, and led sixty volunteers in total to repaint railings at a community park, landscape a veteran organization's parking lot, and beautifying a local elementary school by planting trees and shrubs
 - Directed troop as patrol leader, troop guide, and senior patrol leader; senior patrol leader duties included supervising and teaching younger scouts, leading officer meetings, acting as a liaison between parents and scouts
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SKILLS

Microsoft Office | AutoCAD | MATLAB | Graphic Design (Canva) | Slack