

AARON K NG

San Francisco, CA · aaron.kj.ng@gmail.com · +1(415)515-7253 · <https://www.linkedin.com/in/aaronngg/>

EDUCATION

University of California, Los Angeles
BS Civil and Environmental Engineering

Los Angeles
October 2020 - June 2024

WORK EXPERIENCE

Engineers Without Borders at UCLA

Los Angeles, California

International Development Lead for Uganda Project

March 2021 - Present

- Determined the best times for traveling to the community, found a translator, travel within community, lodging, and various other travel necessities
- Gathered the international and professional contacts and created connections between the project coordinators
- Researched the geographical area and community, as well as customs and local regulations

American Society of Civil Engineers at UCLA

Los Angeles, California

Athletics Director

May 2021 - Present

- Registered ASCE for intramural sports, encouraged members to join IM teams, and managed ASCE intramural sports teams (jerseys, substitutions, coaching)
- Hosted annual fantasy sports leagues and March Madness Bracket Challenge, casual activities and social events (kayaking, paddle-boarding, beach day), and coordinated all sports and miscellaneous events for the Pacific Southwest Symposium at the University of California, San Diego
- Updated Facebook and GroupMe with weekly game time(s) and results and organized professional game watching events or on campus UCLA games

Sloat Garden Center

San Francisco, California

Nursery Worker

February 2021 - July 2021

- Took care of the nursery's plant stock and provided courteous customer service
- Consulted with customers to assist them in designing gardens and other support services
- Aided fellow shift members with assigned tasks to maintain efficiency and customer satisfaction

Starbucks Coffee Company

South San Francisco, California

Barista

June 2020 - September 2020

- Prepared quality beverages, following standard guidelines and procedures
- Upheld standards of food safety, a sanitized and organized workspace, and punctuality

TECHNICAL SKILLS

Engineering Programs (Introductory Level): SketchUp, AutoCAD, Revit, SolidWorks, SAP2000

PROJECTS

Seismic Design *AutoCAD, SketchUp, SAP2000*

Design, analyze, and construct a balsa wood model skyscraper to resist earthquakes on a shake table. Work with and hold tutorial sessions and workshops for programs like SketchUp and SAP2000. Produce, test, and analyze several prototypes on a shake table with sufficient research and additional guidance from our professors.

Timber Design *AutoCAD, Revit, SolidWorks*

Design a small-scale timber house using AutoCAD and Revit, and construct a physical model utilizing spruce wood and power tools

Environmental Design *AutoCAD, HydroCalc*

Design a water treatment system that can remove a combination of various contaminants typically found in wastewater, such as surfactants, heavy metal ions, inorganic materials, and organic materials, to meet water quality parameters through physical and chemical processes. Create awareness of water quality needs and to provide practical, hands-on experience for students interested in water resources and environmental engineering. Conduct research on water contaminants to design a low-cost water treatment system for the annual Pacific Southwest Conference (PSWC) competition.

INTERESTS

Swimming, Biking, Music, Hiking, Photography