

Frank Yu

frankzcyu@gmail.com | (415) 793-1881 | San Francisco, CA

EDUCATION

Bachelors of Science: Civil Engineering

University of California, Irvine

Cumulative GPA: 3.37

Expected Graduation: Spring 2023

Relevant Coursework (Completed by Spring 2022): *Reinforced Concrete Design, Structural Analysis, Environmental Processes*

SKILLS

Civil 3D, Revit, ArcGIS, Matlab, Microsoft Office

PROJECTS

ASCE Pacific Southwest Symposium: Timber-Strong Design

Oct 2021 - Apr 2022

- Built a structurally stable 2-story wood playhouse
- Learned about wood fabrication and construction, structural analysis, and Timber design code
- Used AutoCAD and Revit 3D to make a model of the playhouse

Highway Design Project

Oct 2021 - Dec 2021

- Used AutoCAD to design a 4-mile extension road using Caltrans design standards
- Created horizontal and vertical curve profiles, earthwork, pavement design, and cost estimates for two alternate designs
- Wrote a technical report on the proposed design of the project

Structural System and Layout Design

Jan - Mar 2020

- Designed the structural layout of a building using AutoCAD
- Modeled the structure of the building using SketchUp
- Converted the building into a cafe and lounge

WORK AND LEADERSHIP EXPERIENCE

C & H Produce

Sep 2020 - Sep 2021

Overnight Stocker

- Packed and stocked orders for next day shipment
- Received incoming orders and stored them in an organized manner
- Tallied inventory and placed orders for additional shipments

San Francisco Opportunities for All - San Francisco, CA

Jun - Jul 2020

Infrastructure Intern

- Presented a presentation to infrastructure professionals on flood-prone areas in San Francisco
- Researched San Francisco sewer improvement projects and careers in sewer infrastructure
- Interacted with practicing professionals in the infrastructure field through virtual webinars

San Francisco Planning Department - San Francisco, CA

Jun - Jul 2017

Intern

- Surveyed onsite conditions to ensure compliance with the city's zoning and planning code
- Scanned and inputted data into an online database
- Organized documents and entered them into Excel