Curtis Bucher

519 Redlands Avenue, Newport Beach, CA 92663
949.922.4198 | cpbucher5@gmail.com | www.curtisbucher.com
https://www.linkedin.com/in/curtisbucher/
www.github.com/curtisbucher

EDUCATION

CALIFORNIA POLYTECHNIC STATE UNIVERSITY, SAN LUIS OBISPO
Bachelor of Science, Computer Engineering (Anticipated 2024)

NEWPORT HARBOR HIGH SCHOOL
Graduated Valedictorian, 2020

RELEVANT COURSEWORK

Math Series (Anticipated Fall 2021)	Electrical Engineering Materials	Public Speaking
Physics Series (Anticipated Fall 2021)	Computer Science Materials	Technical Writing for Engineers

EXPERIENCE

RAYVA HOME THEATERS   OCT 2019 – PRESENT

Software Engineer (Remote) – Write and maintain AWS web app responsible for configuration and sale of millions of dollars of home theater equipment. *See demo at config.rayva.com:3000*
Lab Technician – Designed, fabricated and tested printed circuit boards, employing IOT technologies to control home theater lighting systems. Utilized professional software to maintain lab inventory.

101 MOBILITY ORANGE COUNTY   JUNE 2020 – PRESENT

Online Advertising / Social Media (Remote) – Handle social media promotion. Run successful online marketing campaign and research using Google Advertising, Facebook Advertising, and Yelp Advertising.
Data Analysis (Remote) – Optimize advertising budget through data analysis and maintain web app to automatically recommend optimized advertising strategies. *See demo at analytics.curtisbucher.com*

VIRTUAL-E CORPORATION | TALK STAR INC   OCT 2019 – MAR 2020

Lab Technician – Responsible for assembly and testing of printed circuit boards for high-fidelity audio equipment. Worked in lab environment with sophisticated audio testing equipment.

ST. ANDREWS PRESBYTERIAN CHURCH   SEP 2016 – MAR 2020

Children's Leader – Responsible for a small group of 1st to 3rd grade boys. Prepared lesson plans and activities.

SKILLS

PROGRAMMING LANGUAGES AND FRAMEWORKS

Python 3   Java   Swift   C   JavaScript   Flask   React.js

WEB DEVELOPMENT
HTML   CSS   Bootstrap   JavaScript   Amazon Web Service (AWS)

SOFTWARE
XCode   Visual Studio Code   Vim   Git / GitHub   Unix   MacOS   Adobe Suite
Microsoft Suite   *Working Remotely through Collaborative Software*

ACTIVITIES

EAGLE SCOUT RECIPIENT, TROOP 37

Planned, fundraised, and organized final service project totaling over 100 hours.

CPYTHON CONTRIBUTOR

Volunteer Contributor to CPython PEP 584, regarding implementation of Python's ChainMap Object.

CAL POLY HYPERLOOP CLUB

Member of controls team responsible for software-based control system for our hyperloop prototype.

ASSOCIATION FOR COMPUTING MACHINERY

Student member, 2021

For more information about my projects and hobbies, please visit my website, www.curtisbucher.com or GitHub account. References available upon request.