Tiffany C. Chieu

tiffanyc.chieu@gmail.com | (310) 913-3784 | Los Angeles, CA

tchieu.com
github.com/tiffany1618
linkedin.com/in/tiffany-chieu

EXPERIENCE

Lead Software Engineer

Bruin Spacecraft Group, Project Reach | UCLA

October 2020 - Present

- Manages a team of 10 students on Project Reach to develop amateur rocket payloads using the CubeSat form factor
- Maintains the SPARTAN Flight Software, a modular platform for CubeSat flight systems providing a sensor driver library and data packet framework

Backend Developer

DevX | UCLA

April 2020 - September 2020

- Maintained the backend of BConnect, a web application that helps UCLA alumni with shared interests connect with others in their local area. Written in Go with PostgreSQL.

K-12 Tutor

January 2018 - Present

- Tutors students in computer science, mathematics, English grammar and writing, and AP coursework

Programming Lead

FRC Team 1515 | Beverly Hills High School, Beverly Hills, CA

August 2015 - May 2019

- Managed a team of 15 students to develop robot code in Java with the WPI Robotics Library
- Maintained a web application written with React and nodeJS
- Implemented a vision tracking and pathfinding system for the robot using Python and OpenCV

EDUCATION

University of California, Los Angeles | Los Angeles, CA

B.S. in Computer Science and Engineering | Degree expected 2023

Major GPA: 4.0, Cumulative GPA: 3.91

TECHNICAL SKILLS

Programming languages:
Java, Python, C++, C, Rust, Go, Bash, HTML/CSS/JavaScript (including React, nodeJS)

Operating systems:
Linux, MacOS, Windows

Other:
Android, Flutter, React Native, OpenCV, Git

ACHIEVEMENTS

Best IoT That Incorporates Multiple Nodes (sponsored by Northrop Grumman): SD Hacks 2019

Best Use of Taboola Trends API: LA Hacks 2019

ABRSM Certificate for Piano Grade 8

OTHER INTERESTS

- Machine Learning
- Computer vision
- Embedded software
- Robotics
- Flute and piano