

# Tiffany C. Chieu

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tchieu.com  
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## EXPERIENCE

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### Software Engineer

Bruin Spacecraft Group, Project Rapid | UCLA

May 2021 - Present

- Develops flight software for the UCLA Research Satellite (URSa)

### Lead Software Engineer

Bruin Spacecraft Group, Project Reach | UCLA

October 2020 - May 2021

- Managed a team of 10 students on Project Reach to develop amateur rocket payloads using the CubeSat form factor
- Maintained 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

## EDUCATION

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### University of California, Los Angeles | Los Angeles, CA

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

Major GPA: 4.0, Cumulative GPA: 3.92

## TECHNICAL SKILLS

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### Programming languages:

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

### Operating systems:

Linux, MacOS, Windows

### Other:

Android, Flutter, React Native,  
OpenCV, Git

## ACHIEVEMENTS

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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

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