

# JEFFREY CHAN

714.856.0896 | jeffschan97@gmail.com | Los Angeles, CA | jeffreychan.github.io

---

## EDUCATION

### University of California, Los Angeles

B.S. Computer Science and  
Engineering '19

GPA: 3.74 | Dean's Honor List

Honor Societies: HKN, UPE

### Relevant Coursework

Data Structures

Algorithms

Computer Organization

Discrete Mathematics

Logic Design of Digital Systems

Circuit Theory

Signals and Systems

Principles of Feedback Control

## SKILLS AND ABILITIES

### Languages

C++	HTML
Python	CSS
Swift	JavaScript
Verilog	SQL

### Libraries and Frameworks

MongoDB	D3
Express	Bootstrap
React	jQuery
Node	Jekyll

### Other Technologies

Windows	Git/GitHub
macOS	Webpack
Microsoft Office	Xcode
Arduino	Vim

## ACHIEVEMENTS

Northrop Grumman Scholarship  
Joseph Chang Math and Science  
Award

National AP Scholar

## EXPERIENCE

### NASA JET PROPULSION LABORATORY

June 2016 – August 2016

Web Development Intern

Pasadena, California

- Developed on and updated a database used by NASA flight programs and instrument proposers to successfully match instruments with hosted payload opportunities
- Developed a web crawler in Python that searches the web for information on upcoming commercial satellite launches to efficiently update the hosted payload opportunities database

### IEEE AT UCLA

May 2016 – Present

Webmaster

Los Angeles, California

- Developed a website for IDEA Hacks, a hardware-based hackathon that hosted more than 200 hackers this year
- Worked with the Advanced Projects leads to create a wiki to publish announcements and provide helpful resources

### DAILY BRUIN

January 2016 – Present

Front End Developer

Los Angeles, California

- Collaborated on a blog post that visualizes the shooting and blocking success rate of UCLA's Men's Water Polo Team
- Designed an interactive bar chart that compares presidential campaign contributions from the UC system

## PROJECTS

### GITHUB BATTLE

July 2016

Web application built with React that takes two GitHub usernames and uses the GitHub API to assign each a score based on their number of followers and number of stars – higher score wins

### TWITTER CRAWLER

May 2016

Web application that takes in a valid Twitter username and uses the Twitter API to display the last 25 tweets of that user

### CYBER SPIDER

March 2016

C++ program that utilizes a disk-based hash table in order to detect and purge known malicious entities from computer log data

### FRACKMAN

February 2016

C++ game in which the player navigates a Frackman around an oil field in search of oil while also avoiding angry protestors that chase the Frackman around the field