

# JACK YANG



student software developer  
+ graphic designer

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 caicutec

 caicutec.github.io

## EDUCATION

University of California,  
San Diego  
B.S. in Computer Science  
3.6 GPA, Class of 2022

## SKILLS

### Programming Languages:

Java      C  
Python    HTML  
CSS        JavaScript  
ARM Assembly

### Experience With:

Unix  
GIT  
Adobe Photoshop  
Adobe InDesign

## Coursework

### Computer Science

Data Structures      Data Science  
Object-Oriented Design    Discrete Mathematics  
Systems Programming & Assembly

## Projects + Experience

### Stonks

#### Hobby Project, Summer 2019

Designed and developed a web app with the Alpha Vantage finance API, ReactJS, and Google Firebase to analyze historical stock market data and create ETF trading models.

### It's a Sign!

#### H.A.R.D. Hack 2019 Project

Used OpenCV, Raspberry Pi, and Machine Learning to create a device that can identify road signs and serve as a second pair of eyes for the disabled.

### Raccoon.io

#### SDHacks 2018 Project

Designed and developed a web application using Node.js, Google Firebase, and OpenStreetMap to bring hungry UCSD students the latest info on school events with free food.

### ThoughtSTEM

#### Assistant Instructor / Counselor, Summer 2017

Taught courses in programming to classes of local students in Chula Vista, presenting fun and engaging lessons on the basics of coding.

## Activities

### Hackathons

Participated in hackathons at UCSD, including SDHacks 2018-2019, and IEEE-HKN's H.A.R.D. Hack 2019.

### CTF Tournaments

Competed in online Capture-The-Flag cybersecurity competitions, including peaCTF 2019, CryptoCTF 2019, HackCon 2019, and picoCTF 2017-2019.

### Graphic Design

Marketing Director and Graphic Designer at UCSD's Association of Computing Machinery (ACM). Graphics Editor, and Designer for club newspapers and magazines at UCSD, like The MQ and UCSD's Literary Tinge.