

# MENGYU(JACK) ZHANG

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## EDUCATION

2019 – 2022	<b>University of Southern California</b> GPA: 3.75/4.0 Discrete Mathematics	B.S. - Physics/Computer Science
Summer 2019	<b>University of California, Berkeley</b> GPA: 3.67/4.0 Operating Systems, Machine Learning, Linear Algebra	Summer Session
2018 – 2019	<b>University of California, Merced</b> GPA: 3.75/4.0 Data Structures & Algorithms, Calculus	B.S. - Computer Science and Engineering

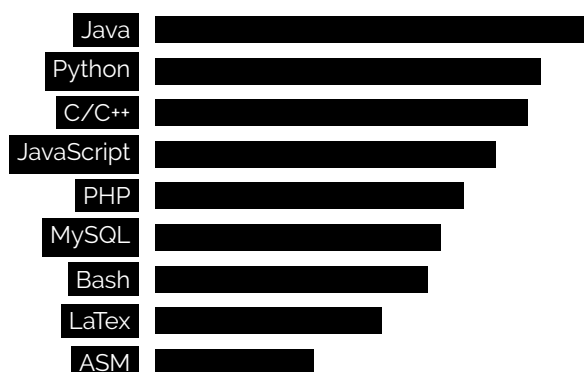
## PROJECTS

Oct 2018 to NOW	<b>"KnockKnock"</b> Purpose: solve the problems I had with video calling people in noisy or inconvenient situations. Developed a WebRTC based video conferencing application with features like real-time captioning, noise canceling, and manual camera controls. Used PHP for a tentative backend system. Java / Android / WebRTC / Firebase / PHP / C++ / MySQL	Individual/Full Stack Developer
Mar 2019 Hackathon	<b>FileTunnel.net</b> Purpose: satisfy the need to transfer files across devices on different platforms "serverless"-ly. Built a peer-to-peer file transferring website based on WebRTC. Utilized Node.JS's Socket.IO framework for server-side signaling. Supports transfer speed display, file caching and queuing. JavaScript / Node.js / WebRTC / Socket.IO / GCP	Individual/Full Stack Developer
Nov 2018 to Dec 2018	<b>Class Registration Helper (CRH)</b> Purpose: resolve my frustration with my school's course registration system. Wrote an app that provides detailed course info, monitors for available seats in selected courses and registers if possible. Interaction with the course system is done with a custom HTTP parser. Java / Android / SQLite	Individual/Full Stack Developer

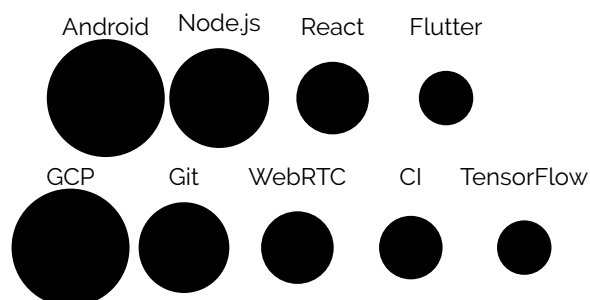
For more on projects, visit [jackz314.me/projects](http://jackz314.me/projects)

## SKILLS

### Languages



### Frameworks/Tools



## ACTIVITIES/HOBBIES

ACM  
Hackathons (e.g. HackMerced)  
Answering on Stack Overflow :)  
Coding Challenges/Competitions  
CTFs (e.g. picoCTF: 400/16000)  
Running, cycling, hiking  
Music related stuff  
Video Games  
...

## MORE

View the up-to-date version of this resume or get to know more about me at [jackz314.me/recruit](http://jackz314.me/recruit)



## LANGUAGES

**Chinese** - native  
**English** - proficient  
**Japanese** - rudimentary