# MENGYU ZHANG

Los Angeles, CA

jackz314.me

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stackoverflow.com/u/8170714

## EDUCATION

| 2019 – 2022 | **University of Southern California** | **B.S. - Physics/Computer Science** |
|---|---|---|

GPA: 3.75/4.0
Discrete Mathematics

| Summer 2019 | **University of California, Berkeley** | **Summer Session** |
|---|---|---|

GPA: 3.67/4.0
Operating Systems, Machine Learning, Linear Algebra

| 2018 – 2019 | **University of California, Merced** | **B.S. - Computer Science and Engineering** |
|---|---|---|

GPA: 3.75/4.0
Data Structures & Algorithms, Calculus

## PROJECTS

**Oct 2018 to NOW** — **"KnocKnock"** — **Individual/Full stack developer**

Developed a WebRTC based video conferencing application with features like real-time captioning, noise canceling, and customized camera controls.

```
Java / Android / WebRTC / Firebase / PHP / C++ / MySQL
```

**Mar 2019** (Hackathon) — **FileTunnel.net** — **Individual/Full stack developer**

Built a peer-to-peer file transferring website based on WebRTC. Utilized Node.JS for server-side signaling. Supports speed display, file caching, and multiple file queuing.

```
JavaScript / Node.js / WebRTC / Socket.IO / GCM
```

**Nov 2018 to Dec 2018** — **Class Registration Helper ("CRH")** — **Individual/Full stack developer**

Developed an application for available seats monitoring and auto-registration for courses selected by users from the UC Merced course catalog.

```
Java / Android / SQLite
```

For more on projects, visit jackz314.me/projects
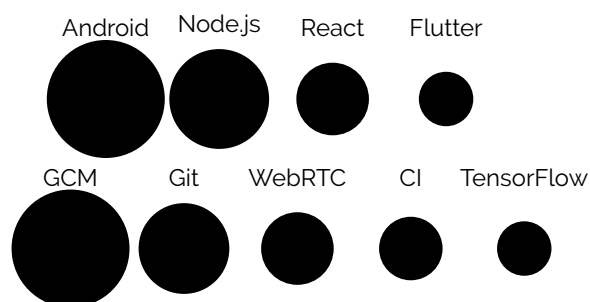
## SKILLS

**Languages**

Java
Python
C/C++
JavaScript
PHP
MySQL
Bash
LaTex
ASM

**Frameworks/Tools**

Android  Node.js  React  Flutter

GCM  Git  WebRTC  CI  TensorFlow
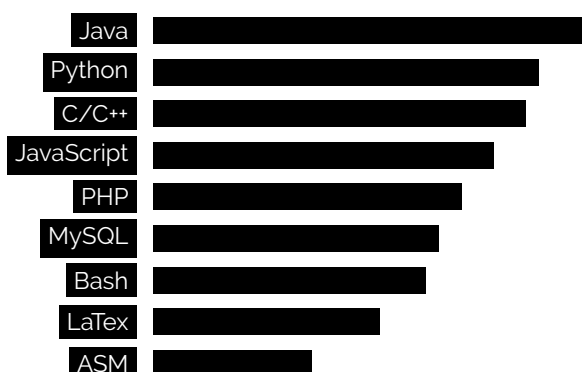
## HOBBIES/ACTIVITIES

ACM
Hackathons (e.g. HackMerced)
Answering on Stack Overflow :)
Coding Challenges/Competitions
CTFs

## MORE

View the up-to-date version of this resume or get to know more about me at **jackz314.me/recruit**

## LANGUAGES

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