

Sacramento, CA

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in

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EDUCATION

2019 - 2022 University of Southern California

GPA: 3.75/4.0

Discrete Mathematics, Data Structures & Algorithms, Probability

Summer 2019 University of California, Berkeley

Summer Session

B.S. - Computer Science

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, Computer Architechture

PROJECTS

Hackathon

Oct 2018 "KnocKnock" to NOW Purpose: solve

Individual/Full Stack Developer

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

Mar 2019 FileTunnel.net

Individual/Full Stack Developer

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

Nov 2018 Class Registration Helper (CRH)

Individual/Full Stack Developer

to Dec 2018 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.

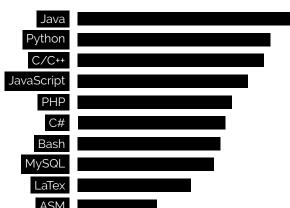
Java / Android / SQLite

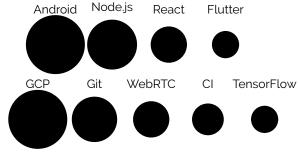
For more on projects, visit jackz314.me/projects

SKILLS

Languages

ges 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



LANGUAGES

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