

Johnson (Qiaosong) Zhou

[Github](#)
[StackOverflow](#)
[My Technical Blog](#)

-> 37 repositories, >100 annual contributions
-> ~17k impact, 181 reputation
-> [blog.clumsyndicate.art](#)

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WORK EXPERIENCES

Intel Corporation – Software Engr Intern (Android security)

Jul 2020 - PRESENT (C++, C, shell, kernel API)

- Worked on Project Celadon, an open-source Android distribution optimized for Intel platforms. [VM-manager](#)
- Secure software feature extension for guest operating systems, including PCI passthrough devices (USB, UDC, WIFI, Ethernet, Audio), thermal mediation, battery mediation, guest PM control, guest Time Keeping, allow suspend & AAF.

Yamu Networks – Product Development Lead Intern

Jun 2020 - Sep 2020 (MQTT, EMQX, Redis, MySQL)

- Responsible for designing and implementing a commercial DNS health monitoring probing network.
- Built a backend server that is capable of handling 10,000 distributed devices across the network.

FindTheMasks – Volunteer Developer

Mar 2020 - Jun 2020

- I started a project developing a WeChat Mini program to showcase FindTheMasks donation sites to a wider audience.

TechX – Deep Learning Academic Lead

Mar 2020 - Aug 2020 (Python)

- TA -- Deep Learning Theory course – Bert model & RL related coursework
- Lecturer -- WeChat Mini program App Development

RESEARCH

Geometry Word Problems, UCLA – (EMNLP 2020)

VQA Research

Mar 2020 - PRESENT

- Coauthor of EMNLP 2020 submission.
- Construction of annotated VQA dataset.
- Geometry information parsing through image & text parsing.

ACTIVITIES (@ UCLA)

Bruinspace, UCLA — Software Engineering (Est. 2019)

- [Opensource C++ sensor library](#) construction and flight loop
- Based on Intel's mraa IOT library, CMake, Raspbian CLI

Unmanned Aerial System, UCLA — Vision Lead

- UAS Vision team lead, responsible for Visual information processing pipeline and symbol recognition.

EDUCATION

UCLA— CS, Expected Grad 2022

SEP 2019 - PRESENT

Cumulative GPA 3.8

Stanford – summer quarter

June 2017 - August 2017

Complex analysis, differential equations

SKILLS

Python – PyTorch – C++ – Shell

Javascript – Web Full-Stack – React

iOS (Swift) – WeChat Mini Program

Algorithms and Data structure

CI – Jenkins – MQTT – Linux Kernel

Supervised Learning – VQA Problems

AWARDS

The Hack Shanghai 2018 – Rokid Best Innovation award

The Hack Shanghai 2019 – Award for Best Design and Innovation

Information Science Olympiad – NOIP First category (9th grade)

LANGUAGES

English & Chinese both proficiently spoken

HOBBIES

- Guitarist
- Auto enthusiast

