

Zequn Yu

📍 California 📞 +1 (626) 703-9018 ✉️ zequnyu1@gmail.com 🌐 zequnyu.com 🌐 [/zequnyu](https://github.com/zequnyu)

EDUCATION

JAN 2019 - DEC 2020 MSc Computer Science, **University of Southern California** 📍 Los Angeles
GPA: 3.61/4 • Advanced courses: Multimedia Systems, Information Retrieval

SEPT 2014 - JUN 2018 BSc Computer Science, **University of Nottingham** 📍 Ningbo-Nottingham
1st class honours • GPA: 3.93/4 • Advanced courses: Haskell, Machine Learning

SKILLS

PROGRAMMING Python, JavaScript, Java, Swift, HTML/CSS, C++, Haskell, PHP, MongoDB, MySQL

FRAMEWORKS React (Hooks), Flask, Spring, Node.js, Angular, JavaFx, Scrapy, PyQt5, Caffe

TOOLS Git, Docker, Github Actions, GCP, AWS, Codecov, Xcode, Travis CI, LaTeX, Vim

EMPLOYMENT

MAY 2020 - Software Engineer Intern, **Citrix Systems** 📍 Santa Clara

- AUG 2020
- Worked at Citrix SD-WAN Orchestrator team and contributed code from dev to production
 - Developed new end-user features using [React Hooks](#) + [Redux](#) and [Jest](#) + [React Testing Library](#)
 - Refactored statistics policy API in [Java](#) Spring benefiting hundreds of Citrix customers

MAY 2019 - Software Engineer Student Worker, **USC Viterbi School of Engineering** 📍 Los Angeles

APR 2020 [garage](#) (1K+ ★) | Robotic Embedded Systems Lab

- Maintained the open source RL framework in [Python](#), with emphasis on system and API design
- Merged 40+ commits to master with 20,000+ lines change and 5% codebase coverage increase
- Refactored the core of [garage](#): LocalRunner, experiment API and evaluation interface
- Introduced [garage-benchmarks](#) and cleaned 90% lines with decorator and higher-order function

JUN 2018 - Software Engineer, **WorthNote** 📍 Shanghai

- NOV 2018
- Refactored company portfolio website in JavaScript ES6 and [React](#) (Reduced loading time by 50%)
 - Experienced hosting back-end server (RESTful API) at Aliyun cloud by [Flask](#), Unicorn and Nginx
 - Collected and analyzed 400,000+ application records using [Python](#) Scrapy, Pandas and [MongoDB](#)

JUL 2017 - Software Engineer Intern, **Chinese Academy of Sciences** 📍 Beijing

- OCT 2017
- Worked at Key Lab of Intelligent Information Processing under *Prof. Shiguang Shan*
 - Studied source code of [Caffe](#) framework and experienced its API in [C++](#) and [Python](#)
 - Implemented end-to-end code for facial Action Units detection with large-scale unlabelled data

JUN 2016 - Software Engineer Intern, **Global Tone Communication Tech** 📍 Qingdao

- SEPT 2016
- Crawled 20+ websites and collected 2G+ bilingual text data for *YeeSight* project using [Python](#)
 - Experienced Python web crawling libraries: BeautifulSoup4, requests and selenium
 - Used JUnit for performance and integration test of translation API in [Java](#)

PROJECTS

SEPT 2016 - **Travel Dashboard: Travel Expense Track and Analysis** 📍 Nottingham

MAY 2017 Atos UK | Advisor: *Prof. Natasa Milic-Frayling*

- Developed [JavaFx](#) software with [MySQL](#) to support travel expense report from Excel to PDF
- Coordinated with Atos UK's engineers and experienced agile development
- Achieved highest personal score (92) of the year in CS school