

Zequn Yu

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EDUCATION

- JAN 2019 - DEC 2020 MSc Computer Science, **University of Southern California** 📍 Los Angeles
Graduation: **December 2020**
- 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, TypeScript, Java, Swift, HTML/CSS, C++, MongoDB, MySQL
FRAMEWORKS React (Hooks), Flask, Node.js, Angular, JavaFx, Scrapy, Pandas, PyQt5, Caffe
TOOLS Git, Docker, Github Actions, GCP, AWS, Codecov, Xcode, Travis CI, LaTeX, Vim

EMPLOYMENT

- MAY 2020 - AUG 2020 Software Engineer Intern, **Citrix Systems** 📍 Santa Clara
- Worked at Citrix SD-WAN Orchestrator team and contributed code from dev to production
 - Developed new admin and site level configuration features using React Hooks + Redux
 - Experienced Webpack bundler, Docker container and Jest + React Testing Library
 - Refactored statistics policy API in Java Spring benefiting hundreds of Citrix customers
- MAY 2019 - APR 2020 Software Engineer Student Worker, **USC Viterbi School of Engineering** 📍 Los Angeles
garage (800+ ★) | 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
 - Designed and built auto-benchmarking system integrating with GCP and Next.js
- JUN 2018 - NOV 2018 Full-stack Software Engineer, **WorthNote** 📍 Shanghai
- 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 - OCT 2017 Software Engineer Intern, **Chinese Academy of Sciences** 📍 Beijing
- 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 - SEPT 2016 Software Engineer Intern, **Global Tone Communication Tech** 📍 Qingdao
- 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 - MAY 2017 **Travel Dashboard: Travel Expense Track and Analysis** 📍 Nottingham
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