Zequn Yu

Objective: Software Engineering Intern in Summer 2020

📍 Los Angeles, CA 📞 +1 (626) 703-9018 ✉ zequnyu11@gmail.com 🌐 zequnyu.com

EDUCATION

JAN.19 - *Present*	MSc Computer Science, **University of Southern California (USC)** 📍 Los Angeles
	Expected to graduate in **January 2021**
SEPT.14 - JUN.18	BSc Computer Science, **University of Nottingham (UoN)** 📍 Ningbo-Nottingham
	1st class honours • GPA: 3.93/4 • Advanced courses: Haskell, Machine Learning

SKILLS

PROGRAMMING	Python, JavaScript, React, Java, C++, Swift, MATLAB, HTML/CSS, MongoDB, MySQL
TOOLS	Git, Xcode, LaTeX, Vim, Markdown, Prezi, Pixelmator

EMPLOYMENT

MAY.19 - *Present*
SDE student worker, **USC Robotic Embedded Systems Lab** 📍 Los Angeles
Maintain the open-sourced reinforcement learning toolkit project **garage** (436 ★) in Python, with emphasis on system design and implementation • Refactor the core of garage: LocalRunner and experiment API • Contribute to continuous integration test and peer code review

JUN.18 - NOV.18
Full stack software engineer, **WorthNote Co., Ltd.** 📍 Shanghai
Collected and analyzed 400,000+ graduate application data records using Python Scrapy, Pandas and MongoDB • Built company website by Javascript and React • Experienced hosting and maintaining back-end server (REST API) at Aliyun cloud using Flask, Gunicorn and Nginx

JUL.17 - OCT.17
Research + SDE intern, **Chinese Academy of Sciences** 📍 Beijing
Worked at Key Lab of Intelligent Information Processing with *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 Unit detection with Large-scale unlabelled data in semi-supervised learning

JUN.16 - SEPT.16
SDE intern, **Global Tone Communication Tech Co., Ltd.** 📍 Qingdao
Crawled 20+ websites and collected 2G+ bilingual text data in English-Chinese for *YeeSight* project using Python • Experienced web crawling libraries: beautifulsoup4, requests and selenium

PROJECTS

NOV.18 - APR.19
uRank - University Rankings Collection 📍 Los Angeles
Collected and performed 5 years QS/Times/ARWU/USNews ranking data using Python Scrapy • Built React website for data visualization, and deployed with Netlify continuous integration • Experienced JavaScript ES6, create-react-app, Next.js, Bulma, styled-components and Chart.js

OCT.17 - MAY.18
Workload and Facial Expression Linkage Analysis 📍 Nottingham
UoN Mixed Reality Lab | Advisor: *Dr. Max Wilson*
Recruited 20 participants for facial and brain workload data collection • Used fNIRS brain scanner to evaluate workload • Built PyQt5 GUI software for HCI experience • Benchmarked facial AUs and fNIRS by multiple machine learning models such as SVM, ANN using MATLAB

SEPT.16 - MAY.17
Travel Dashboard: Travel Expense Track and Analysis 📍 Nottingham
UoN & Atos UK Limited | Advisor: *Prof. Natasa Milic-Frayling*
Developed JavaFx desktop GUI software to support travel expense track from Excel raw data input to PDF report generation • Built user system using MySQL • Coordinated with *Atos UK*'s engineers and experienced agile development • Achieved highest personal score (92) of the year in CS school