

# Zequn Yu

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🌐 [www.zequnyu.com](http://www.zequnyu.com)

## EDUCATION

**Current** MSc Computer Science, **University of Southern California** 📍 Los Angeles

SEPT.18 BSc Computer Science, **University of Nottingham (UoN)** 📍 Ningbo-Nottingham

JUN.14 - First Class Honours • GPA: 3.93/4 • Advanced courses: Haskell, Machine Learning

## WORK EXPERIENCE

NOV.18 Software engineer, WorthNote Co., Ltd. 📍 Shanghai

JUN.18 - **Data Mining of Chinese Student Applying for Foreign University**

Performed data using Python Scrapy, Pandas and MongoDB • Developed GUI analysis tool using PyQt5 • Hosted server (REST API) using Flask, Gunicorn and Nginx

OCT.17 Software intern, Chinese Academy of Sciences 📍 Beijing

AUG.17 - **Snowball: Facial Action Unit (AU) Detection**

Worked at Key Lab of Intelligent Information Processing with *Prof. Shiguang Shan* • Implemented end-to-end framework for AU detection with Large-scale unlabelled data in semi-supervised learning • Experimented *Caffe* framework in C++ and Python

SEPT.16 Software engineer, Global Tone Communication Tech Co., Ltd., 📍 Qingdao

JUL.16 - **Web Crawling for "YeeSight" Project**

Crawled 20+ websites and collected 2G+ bilingual text data in English-Chinese • Experimented Python API, regular expression and web crawling libraries: bs4, requests and selenium

## PROJECTS

**Current** Web developer, Personal project 📍 Los Angeles

NOV.18 - **uRank - University Rankings Collection**

Collected and cleaned 5 years QS/Times/ARWU/USNews ranking data by Python, visualised in React website • Experienced JavaScript ES6, Next.js, styled-components and Chart.js

MAY.18 Research intern, UoN Mixed Reality Lab 📍 Nottingham

OCT.17 - **Workload and Facial Expression Linkage Analysis** | Advisor: *Dr. Max Wilson*

Undergraduate dissertation: analysed facial Action Units under different levels of mental workload • Used fNIRS brain scanner to evaluate workload • Built PyQt5 software for HCI experience • Analysed the result using multiple Machine Learning models

MAY.17 Software developer, UoN & Atos UK Limited 📍 Nottingham

SEPT.16 - **Travel Dashboard** | Advisor: *Prof. Natasa Milic-Frayling*

Built user management dashboard and Excel analysis tool for Atos • Developed desktop GUI software using JavaFx and MySQL • Won 'The Best Software Quality' of the year in CS school

## TECHNICAL SKILLS

PROGRAMMING Python, HTML&CSS, JavaScript (React), Java, C++, Matlab, Haskell

OTHERS LaTeX, Markdown, Prezi, Pixelmator