Zequn Yu

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EDUCATION

Current	MSc Computer Science, **University of Southern California** 📍 Los Angeles
SEPT.18 JUN.14 -	BSc Computer Science, **University of Nottingham (UoN)** 📍 Ningbo-Nottingham First Class Honours • GPA: 3.93/4 • Advanced courses: Haskell, Machine Learning

TECHNICAL SKILLS

PROGRAMMING	Python, H5&CSS, JavaScript (React), Java, C++, MySQL, MongoDB
OTHERS	LaTeX, Markdown, Prezi, Pixelmator

PROFESSIONAL EXPERIENCE

NOV.18 JUN.18 -	Software engineer, WorthNote Co., Ltd. 📍 Shanghai **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 AUG.17 -	Software intern, Chinese Academy of Sciences 📍 Beijing **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 JUL.16 -	Software engineer, Global Tone Communication Tech Co., Ltd., 📍 Qingdao **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 NOV.18 -	Web developer, Personal project 📍 Los Angeles **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 OCT.17 -	Research intern, UoN Mixed Reality Lab 📍 Nottingham **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 SEPT.16 -	Software developer, UoN & Atos UK Limited 📍 Nottingham **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