Zequn Yu

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EDUCATION

JAN.19 - Current   MSc Computer Science, **University of Southern California** 📍 Los Angeles
Expected to graduate in December 2020

JUN.14 - SEPT.18   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, JavaScript (React), HTML/CSS, Java, C++, MySQL, MongoDB, C, PHP
OTHERS   LaTeX, Markdown, Prezi, Pixelmator

PROFESSIONAL EXPERIENCE

JUN.18 - NOV.18
Software engineer, WorthNote Co., Ltd. 📍 Shanghai
Data Mining of Chinese Student Applying for Foreign University
Collected and performed 400,000+ graduate application data records using Python Scrapy, Pandas and MongoDB • Developed GUI analysis tool using PyQt5 • Experienced hosting back-end server (REST API) using Flask, Gunicorn and Nginx

AUG.17 - OCT.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

JUL.16 - SEPT.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

OCT.17 - MAY.18
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

SEPT.16 - MAY.17
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