

# Yuxuan Wang (王育瑄)

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[\[Linkedin\]](#) [\[GitHub Portfolio\]](#)

## **EDUCATION**

### **2016-Present University of St Andrews - Master of Science(Honours), Computer Science**

- Penultimate student in integrated master degree, expected distinction classification
- Obtained an academic scholarship of £22000
- Field interest: Software Engineering, Software Architecture, Visualisation

### **2013-2016 Zhongzhi Cambridge High School, Ürümqi**

- CIE A-level grades: Mathematics(A), Physics(A), Chemistry(A), Computing(B)
- Obtained an academic scholarship of \$3600
- President of school news agency(2014-2015): managed school media platforms & organised school propagation events

## **TECHNICAL SKILLS**

### **Programming skills**

- Web: HTML/CSS (Bootstrap), JavaScript (Node.js/Vue.js/Backbone.js/React.js)
- General: C/C++, Java (Android/Spring), Python, Haskell, Lua
- Other: SQL, LaTeX, Markdown, Arduino, Scratch
- Technologies/Environments: Windows/Linux, MariaDB

### **Development & management skills**

- Proficient in web application front-end development & maintenance using JavaScript frameworks, had experience of designing/implementing new functions for web application
- Proficient in Agile & Scrum development, joined industrial software development sprints, skilled in version control system (git); Experienced in coordinating project demands in the role of scrum master in university academic projects
- Proficient in group/pair programming, had abundant experience of joining hackathons, competent in cooperating with group members on analysing requirements and implementing solutions

### **Past projects**

- Go/Gomoku (Java/Haskell): Graphical gomoku game with minimax gaming AI
- Junior Honour project (Python/C++/Node.js): social-media integration platform with BBC Microbit controller(allow user to access social platforms (Facebook,Twitter etc.) with some additional applications using BBC Microbit board)

## **WORKING EXPERIENCE**

**Jun/2019-Sep/2019      Kingdee International Software, Shenzhen      Front-end Developer (Intern)**

- Main work: maintained front-end code & developed new functions for industrial accounting web application using JavaScript frameworks
- Joined discussion between customers & developers, learnt how to develop software functions from user requirements

**Sep/2018-Present      Chinese Hongpao Society, St Andrews      Event Coordinator**

- Helped new Chinese university student as society volunteer
- Organised Chinese culture publicity events and activities such as balls and parties to help build a strong community as event department committee & event coordinator

**May/2017-Jun/2017      Abilix brainstorm & robot programming school, Ürümqi      Teaching Assistant**

- Helped pupils to study programming knowledge and make simple robots using Scratch and Arduino
- Learnt 3D printing knowledge and hardware maintenance basis to assemble and repair 3D printers

## **ADDITIONAL SKILLS**

### Linguistics

- Mandarin Chinese (native)
- English (proficient, IELTS 7.0/9)
- German (basic communication & writing)

### Musical

- Piano & Music theory (proficient)
- Guitar(amateur)

### IT

- Office(proficient in Word, Excel, Powerpoint)
- Computer hardware knowledge & maintenance

## **INTERESTS & ACTIVITIES**

- Joined UK National Student Esports DotA2 Championship as a member of St Andrews Gaming Society
- Rich experienced in public speaking and party hosting during high school. Able to do fluent presentation or hosting in both Mandarin and English