

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

- Final year student in integrated master degree
- Obtained an academic scholarship of £22000
- Field interest: Software Architecture, Web Frontend Development(Web App Development, Data 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: [JavaScript/TypeScript](#)([Vue.js](#), [React.js](#), [Node.js](#), [D3.js](#)), [HTML/CSS](#)([Bootstrap](#))
- General: [C/C++](#), [Java](#), [Python](#)
- Other: [LateX](#), [Markdown](#), [SQL](#)
- Platforms: Windows/Linux

Development & management skills

- Proficient in web frontend development & maintenance using JavaScript/TypeScript, had experience of designing/implementing new functionalities and maintaining existing codes for web applications.
- Proficient in Agile & Scrum development, had experience of joining industrial software development iterations, 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

- [Junior Honour project](#)([Python/C++/Node.js](#)): a social-media integration platform using BBC Microbit controller(allow users to access social platforms(Facebook,Twitter etc.) with some additional functionalities using BBC Microbit board)
- [Senior Honour project](#): [Software Architectural Viewpoint - Analysis & Visualisation](#)([Vue.js](#)([Vuetify](#), [joinJS](#))/[Node.js](#)): a software architecture design web application that helps architects to build customised architecture & reveal the relationship between different architectural viewpoints

WORKING EXPERIENCE

Jun/2020-Aug/2020 Tencent Holdings Ltd, Shenzhen Front-end Developer(Intern)

· Main work: maintained existing frontend code & developed new functionalities for **Tencent Beacon Platform**, an online data analysis platform using Vue.js, D3.js, etc.

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

· Main work: maintained existing frontend code & developed new functionalities for **Kingdee Jingdouyun**, an online accounting platform using Vue.js, Node.js, etc.

Sep/2018-Jun/2020 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 new year gala 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)

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 from 2018 to 2020.

· Rich experienced in public speaking and party hosting during high school. Able to do fluent presentation or hosting in both Mandarin and English.