Yuxuan Wang (Allen)

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EDUCATION

09/2016-06/2021   University of St Andrews, St Andrews, UK
・MSci (Hons) Computer Science (2:1, St Andrews GPA: 16.2/20)
・Obtained academic scholarship for international student of ~£26000
・Research direction & interest: **Software Engineering** (Software architecture design & visualisation, Software development methodologies), Natural Language Processing (L2 learning support)

09/2013-06/2016   Zhongzhi Cambridge High School, Ürümqi, China
・CIE grades: Mathematics(A), Physics(A), Chemistry(A), Computing(B)

PROJECT/WORKING EXPERIENCE

11/2021-07/2022   ASA Recruitment+, Edinburgh
・Worked for **ECruit** (online recruitment SaaS for various users) as **Full-stack Developer** & **Technical Support**. Major contributions include 1. maintaining existing front-end/database functionalities, 2. developing & deploying new front-end/database modules for the existing platform, 3. designing & implementing a new front-end application to replace the existing platform, 4. engineering new data transmission solutions with other team members, 5. providing software engineering support between team & business stakeholders and 6. providing customer support for business colleagues, consultants & other users (Bootstrap, jQuery, Vue.js, Node.js, C#, PHP, SQL).

09/2020-06/2021 (Integrated Master final project)
・Developed **TranslPrime**, a Chromium-based web-browser extension for L2 learners to comprehend L2 texts (JavaScript).

06/2020-08/2020   Tencent, Shenzhen (Intern)
・Worked for **Tencent Beacon** (business data analysis & visualisation SaaS) as an **Intern Front-end Developer**. Major contributions include 1. maintaining existing functionalities, 2. developing new front-end UI & functionalities, and 3. implementing new framework components for existing visualisation libraries & their related applications (Vue.js, Node.js, D3.js, ECharts).

09/2019-06/2020 (Undergraduate final project)
・Developed **ArchPrime**, a front-end visualisation application for software architects to reveal software model relationship & constraints (Vue.js, Node.js, jointJS).

06/2019-08/2019   Kingdee International Software, Shenzhen (Intern)
・Worked for **Kingdee Jingdouyun** (financial/accounting SaaS) as an **Intern Front-end Developer**. Major contributions include 1. maintaining existing functionalities and 2. developing new front-end UI, functionalities & WeChat Mini-Program for the project (Vue.js, Node.js, WeChat Mini-Program).

SKILLS

Front-end development
· Proficient in front-end development basis: **HTML5/CSS** (**Bootstrap**), **JavaScript/TypeScript** (**jQuery**, Backbone.js), **web-browser utilisation** (DOM/BOM manipulation, cross-browser compatibility, browser extension development) & **network communication** (HTTP/TCP/IP communication, AJAX, front-end security protection).

· Proficient in front-end frameworks: **Vue 2/3** (Vuex/Pinia, ElementUI/Vuetify), had experience of using React.js; Had experience of developing customised front-end framework (HTML element parsing, reactive data binding, compartmentalisation).

· Proficient in front-end project maintenance using Node.js/NPM & Webpack. Had experience of debugging front-end programs using browser tools & designing front-end unit tests.

· Had experience of developing mobile front-end using WeChat Mini-Program.

Full-stack development & Software engineering
· Had experience of developing simple back-end programs using **Node.js** (Express.js).

· Able to utilise **C++/C#**, **JavaSE**, Python to develop programs; Able to utilise Lua to develop game addons.

· As a full-stack developer & software engineer, proficient in version-control systems; Proficient in identifying & implementing business/technical requirements, had experience of managing a small project using Agile methodology.

· As a university student, had experience of joining Hackathons, competent in cooperating with team members on analysing software requirements & solving problems.

Other skills
· Worked as the **Event Coordinator** for the **Chinese Hongpao Society in University of St Andrews** from 09/2018 to 06/2020. Helped Chinese international students as a society volunteer; Organised Chinese culture publicity events (balls, new year gala) to help build a strong community as event department committee & event coordinator.