Dongzheng Wu

Melbourne VIC | 0406309996 | jason.wu.bof@gmail.com | www.linkedin.com/in/dongzheng-wu

I am eager to embark on the next phase of my career and join a company where I can truly contribute my personal value. As a graduate in software engineering, you can expect me to possess the required professional competencies. Beyond technical skills, I demonstrate a strong aptitude for self-learning, problem-solving, and leadership. Whether working independently or as part of a team, I consistently excel in completing tasks. I enthusiastically welcome any opportunities that will further elevate my capabilities.

Education

Bachelor of Software Engineering (Honours) **Mar 2019 - Oct 2023**
Monash University
Average Grade: HD *(Had one year intermission in 2020 due to covid-19)*

Skills

Web development: React.js, Vue.js, Bootstrap, Element-UI, HTML/CSS, Javascript.
Mobile app development: Android (Kotlin), iOS (swift).
Multi-platform development: React Native (Typescript).
Database: SQL.
Data visualisation: Tableau, Vega/Vega-lite.
Quality assurance: Well-versed in software testing and quality assurance processes, as well as CI/CD setup.
Design: Experienced in usability and accessibility design.
Methodologies: Proficient in Agile software development, including expertise in version control, software architecture, and design principles.
Programming languages: Proficient in multiple programming languages, including Java, Python, C, and C#, capable of completing diverse tasks.
Language Skills: Native Chinese and Minnan (Hokkien) speaker, fluent in English.

Projects

Teach me Talkback - FIT3170 **Mar 2022 - Oct 2022**

Developed an android mobile application that is a comprehensive and intuitive tutorial for basic phone gestures and tasks based on google talkback.

Key Achievements:

- Worked as a Developer and Release Train Engineer (RTE).
- Oversaw a sizable team consisting of four agile teams, adhering to the SAFe framework.
- Self-learned essential tools and skills, encompassing Android Studio, Kotlin, and Google accessibility features.
- Successfully implemented features like lesson modules, notifications, popup windows, and shortcut detection.

Physical Artefacts - FIT3146 **July 2022 - Oct 2022**

Accomplished an individual project that entailed crafting five distinct artefacts, with each one employing varied techniques to realise specific features.

Key Achievements:

- Presented project proposals, conducted feasibility assessments, and developed comprehensive plans.
- Acquired a diverse range of skills, including expertise in Arduino application, electronic components, interface design, painting, soldering, circuit design, and video editing.

C-Money - FIT3178 **Mar 2023 - June 2023**

Designed and implemented the iOS application "C-Money," focused on helping users track income and expenses in an intuitive and convenient manner while setting saving goals.

Key Achievements:

- Conducted research, analysis, and feasibility evaluations for designed features.
- Adhered to Apple's design guidelines, creating high-fidelity app interface mockups.
- Developed all software functionalities, including a login system, facial recognition, and geolocation, through coursework and additional research.

Intake - FIT4002 **Mar 2023 - Oct 2023**

Developed a triage software designed for healthcare professionals, with the aim of modernising and automating the traditional triage process to reduce human errors. The software is designed to support users in multiple roles and is accessible on various platforms, including iOS, Android, and web.

Key Achievements:

- Independently acquired the necessary skills for the project, including React Native Expo, Typescript, and Filesystem.
- Solely responsible for creating and implementing the admin role interface and functions.
- Independently conducted compatibility testing and bug fixing for Android devices.
- Successfully completed testing cases for all the models within the project.

ChatGPT Test Converter - FIT4701/FIT4702 **Mar 2023 - Oct 2023**

This research project was focused on exploring the feasibility of using ChatGPT to convert UI test cases across different platforms. The ultimate goal was to develop a command-line tool to accomplish this task efficiently.

Key Responsibilities and Achievements:

- Researched and investigated domain-specific prompts to enable ChatGPT to perform specific tasks effectively.
- Explored and experimented with prompt engineering techniques to enhance ChatGPT's performance.
- Combined research findings into code using Python and successfully developed the tool.
- Conducted thorough testing and performance evaluations of the tool.