Zhan Hung Fu

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ABOUT ME

A second-year computer science student with a passion for innovation and a strong foundation in software engineering. To secure an internship/placement in the software engineering field where I can leverage my programming skills and theoretical knowledge to contribute effectively to cutting-edge projects and gain valuable industry experience.

EDUCATION

Monash University   Clayton, VIC
Bachelor of Computer Science, Major in Advanced Computer Science   *Jan. 2022 – Dec. 2024*
Relevant Coursework: Algorithm and Data Structures, Object-Oriented Programming, Database Management Systems, Mobile App Development, Web Development, Software Engineering

Kumon   Truganina, VIC
Completion of Kumon Mathematic Programme   *Dec. 2020*

EXPERIENCE

Retail Sales Assistant   Nov. 2021 – Present
Tarneit Asian Supermarket   *Tarneit, VIC*
- Provided exceptional customer service, addressing inquiries, assisting with product selection, and closing sales
- Maintained a clean and organised store environment and ensuring shelves were stocked
- Collaborated with team members to achieve daily sales goals, sharing insights and best practices to enhance overall team performance
- Assisted in multiple departments or tasks as needed, showcasing versatility and willingness to contribute beyond designated responsibilities

Volunteered Programming Tutor   July 2022
Monash University   *Clayton, VIC*
- Provided academic support for first-year computer science students learning Python
- Conducted interactive programming sessions for a diverse group of learners, focusing on Python and Java
- Assisted students in debugging code, explaining error messages, and troubleshooting programming issues

PROJECTS

Youtube | *HTML, CSS*   Dec. 2023
- Developed a replica of YouTube's homepage using HTML and CSS exclusively
- Utilised HTML5 and CSS3 features to replicate the layout, styling, and visual elements of YouTube's homepage
- Applied CSS flexbox and grid layouts to precisely position elements, ensuring accurate alignment and responsiveness across various viewports
- Employed CSS transitions and hover effects to mimic interactivity, such as button highlights and thumbnail hover effects, enhancing user experience

BookStore App | *Java, SQL*   March 2023 – June 2023
- Developed a comprehensive Android application using Java and SQL integration to manage a bookstore's inventory and leveraged Google's Firebase for real-time tracking. The app facilitated the storage of book information into an SQL database, enabling efficient retrieval of book details.
- Integrated SQL database to store and manage book information, ensuring efficient retrieval and management of inventory
- Implemented motion detectors to recognize finger movements
- Integrated SMS receivers to enable communication with the app

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript, TypeScript HTML/CSS, Linux
Frameworks: Node.js
Developer Tools: Github, VS Code, PyCharm, IntelliJ, Android Studio
Libraries: NumPy, AndroidX