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Jin Heng Pang

Computer Science Student | Aspiring Software Engineer

EDUCATION

Monash University - Bachelor of Computer Science

2022 - 2026

- Wam: 77.227/100
- GPA: 3.200/4.000

WORK EXPERIENCE

MedHealth - IT Service Desk Analyst

Jun 2025 - Present

- Delivered real-time IT support and troubleshooting across hardware, software, and network issues
- Managed Microsoft 365 Admin, Azure, Exchange, and Active Directory for user access and account maintenance
- Applied strong foundational knowledge of networking, systems, and computer architecture to resolve technical issues
- Logged and tracked incidents using Freshservice, ensuring timely resolution and accurate documentation

VOLUNTEER EXPERIENCE

Monash Assistive Tech team - Project Member

Jul 2023 - Dec 2024

- Develop an indoor navigation solution to aid visually impaired individuals
- Utilised Unity Game Engine to simulate real time movements between a user and obstacles
- Utilised RxJS operators (map, filter, reduce, etc) to synchronise real time data streams

Monash Japanese Club - IT Officer

Apr 2024 - Present

- Implemented dynamic and interactive UI components using React.js, ensuring seamless user experience and maintainability
- Optimised website performance and responsiveness by leveraging Tailwind CSS to efficient styling and layout design

WIRED Official IT Club of Monash - Academic Officer

Jul 2023 - Present

- Researched and authored insightful articles on IT related topics, providing valuable knowledge and guidance to students
- Collaborated with peers to generate engaging topics, fact check information, and tailor content to students' academic and career needs

PROJECT EXPERIENCE

Markdown to HTML - Haskell | HTML | CSS

Oct 2024 - Nov 2024

- Worked with Applicative Functors in Haskell to build modular parsers
- Implemented a save button using Haskell IO monads to persist converted Markdown across reloads
- Employed recursion to recursively parse all types of Markdown language, including infinitely nested sub-list

Guitar Heroes - RxJS | Typescript | Functional Programming

Jul 2024 - Aug 2024

- Used RxJS observables in combination with RxJS operators like mergeMap to synchronise real-time data streams
- Leverage immutable RxJS operators (map, filter, reduce) to avoid mutation and ensure predictable state transitions

SKILLS

- Python, Java, React, Typescript, Tailwind, Functional, OOP, Data structures, Algorithms, Git/GitHub, Azure
- Native English speaker, Conversational in Mandarin