YIHAN HUANG

SOFTWARE DEVELOPER

Melbourne, Australia

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Objective

Motivated Master of Information Technology student at Monash University, specializing in full-stack development and cloud computing. Seeking an internship or entry-level position to leverage my experience in software development, particularly in front-end and cloud-based projects, to contribute to innovative solutions in a dynamic tech environment.

Education

Monash University   *Melbourne, Australia*
Master of Information Technology   *July 2023 – June 2025 (Expected)*

- **WAM:** 81 | **GPA:** 3.6/4.0

Project Experience

Skin MBTI   *August 2024*
FoundersHack Hackathon

- Engineered a web application for skin type identification utilizing Machine Learning, Python Flask, and Vue3.
- Spearheaded front-end development and conducted rigorous testing to ensure flawless code integration.

Image Detection Application   *May 2024*
Cloud Computing Class Assignment

- Led the development of an online image tagging system, deploying AWS Lambda and API Gateway for seamless cloud functionality.
- Directed the front-end architecture and managed cloud deployment to optimize system performance.

Period Tracking Android App   *May 2024*

- Developed a period tracking and prediction application with Kotlin, focusing on user-centric design and functionality.
- Oversaw the implementation of key features such as the calendar and main interface, guiding the team to successful project completion.

Experience

Bilibili Technology Co., Ltd.   *Shanghai, China*
Software Development Engineer Intern, Platform Technology   *March 2022 – December 2022*

- Crafted and customized user interface components using JavaScript, TypeScript, Webpack, and Vue3, enhancing the platform's user experience.
- Enhanced front-end performance, achieving a 20% reduction in page load times through optimized coding and asset management strategies.
- Collaborated with cross-functional teams to diagnose and resolve complex issues, ensuring robust and reliable platform operations.

Volunteer Experience

Monash Squash Club, Monash University   *Melbourne, Australia*
Committee Member   *March 2024 – Ongoing*

- Organize and manage social events, fostering a vibrant and engaged community within the club.
- Provide strategic support during pennant finals, ensuring smooth operations and team coordination.

Skills

- **Programming Languages:** JavaScript, Java, Python, Kotlin
- **Frameworks & Libraries:** Vue3, React
- **Cloud Computing:** AWS, Docker
- **Full Stack Development:** Front-end integration, API design, data format specification
- **Database Management:** SQL, MySQL, MongoDB
- **Technologies:** Trello, Git, Webpack, Gradle, Vite
- **Computer Networks:** Data communication, network protocols, problem-solving in data integration