Lucius Wilbert Tjoa

Seeking a minimum 16-weeks AI Engineer and Software Developer (Full Stack, Front End, Back End) in July (4 - 5 Months)

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PERSONAL SUMMARY

Results-driven Software Developer, AI Engineer, and Data Analyst with **two years of experience** in web and mobile app development, AI integration, and data analysis. As a **CTI R&D member**, contributed to **APSpace Admin**—APU's official Administrator Web App - Using **Angular**, **TypeScript**, **HTML/CSS**. Proficient in **Flutter**, **Firebase**, **Angular**, **C#**, **Java**, **Python**, **PyTorch** and **SQL**. **Involved in many external projects** and won **multiple first-place hackathons** in AI automation.

EDUCATION

Asia Pacific University of Technology & Innovation (APU)   **Kuala Lumpur, Malaysia**

Bachelor of Computer Science (Hons) (Artificial Intelligence)   Cumulative GPA: 3.92

- Vice Chancellor's (VC) List. Excellent Academic Achievement in the Academic **Year 2023/2024** September 2023 - September 2024 (GPA Year 1 : 3.83) (GPA Year 2 : 3.92)

WORK EXPERIENCE

Asia Pacific University of Technology & Innovation   **Kuala Lumpur, Malaysia**

CTI Research & Development   Dec 2024 - Present

- Web Development: Designed and optimized APU's official Administration web app using Angular, TypeScript, JavaScript, HTML/CSS.

Technical Assistant   November 2023 - Dec 2024

- Fine-tuning and optimizing hardware components to meet performance requirements, ensuring seamless system functionality, efficiency, and reliability through precise configuration and troubleshooting

AWARDS

Joget NextGenHack Hackathon   Nov 2024

- **Won first place** with a team of four in developing an AI-based Financial App that enhances companies in managing the data related to Finances using Joget App.

DevMatch Hackathon   Aug 2024

- **Won first place** with a team of four in developing an AI-based Voting System.

PROJECTS

Expense App (Mobile Application)   Jan 2025 - April 2025

- Developing an AI-powered expense tracking app using Flutter, Firebase, and API for OCR-based receipt scanning. Integrated an AI Agent for voice recognition, allowing users to log expenses through voice commands, enabling hands-free and automated expense entry. Also, ChatBot for suggestions and quick summary.

Chatbot   June 2024 - Aug 2024

- Developed a specialized chatbot using Botpress and the API, designed to provide expert guidance on various types of drums, drumming techniques, and equipment recommendations. The chatbot offers interactive assistance to drummers, from beginners to professionals.

SKILLS

- **Language:** English, Malay, Indonesian
- **Programming Language:** HTML/CSS, JavaScript, TypeScript, Angular, MySQL, Java, C#, Python, PyTorch