

# Lee Jin Ming

Software Engineer

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## Skills

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### Programming Languages

Python C++ Java JavaScript HTML & CSS SQL MySQL PHP Pug

### Frameworks & Tools

OpenCV Umbraco Laravel TCP/IP Git Node.js Laravel GraphQL Express.js Postman phpMyadmin

### Development Tools

Android Studio Visual Studio Visual Studio Code Processing Cura SketchUp Unity R Studio PyCharm  
Figma Apache Netbeans XAMPP WAMP

### Hardware & Embedded Systems

LoRa Arduino Raspberry Pi ESP8266

## Work Experience

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### PHP Developer - Webby Sdn. Bhd.

Internship | Jan 2025 - May 2025

### Full-Stack Developer - One Two One Advisor Sdn. Bhd.

Internship | Oct 2023 - Dec 2023

- Collaborated with senior developers to migrate 121POSit (Point of Sales Insurance Takaful) to the Umbraco framework.
- Debugged miscellaneous code to improve system stability.
- Designed and implemented frontend dashboard for better user experience.

## Education

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- **Bachelor of Science (Hons) in Software Engineering** - Asia Pacific University (2024-2026)  
CGPA: 3.41
- **Diploma in Information & Communication Technology (Software Engineering)** - Asia Pacific University (2021-2023)  
CPGA: 3.31
- **IGCSE** - Home School (2012-2021)  
2A\* 1A 3B 3C

## Recent Projects

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### Sentiment Analysis System 2024

Developed a multi-level linked list structure for analyzing hotel reviews from TripAdvisor, tallying feedback comments and performing sentiment analysis based on ratings. Degree Semester 2 Data Structures group project

### LoopWithPython 2024

Developed a Python-based game where players solve coding problems at varying difficulty levels to advance through a game board. Degree Semester 2 Further Web Design and Development individual project

### Academic Guidance Hub 2024

Developed a Academic management application which features 3 user roles including Admin, Teacher and Student where users can manage file uploads, Grading coursework or user management. Degree Semester 1 Object Oriented Programming group project

### APFood 2023

Developed a website to allow students to order food from vendors through the platform. Diploma semester 5 final year group project

### MelaniBot AI Chatbot 2023

Designed a Chatbot which specialises in discussions about Melanau Culture, Won the Avant Garde Videre Competition. Diploma semester 5 Introduction to Artificial intelligence Group project

### Vending Machine 2023

Developed a Vending Machine which features a admin and public view to manage and sell items from the UI. Diploma semester 5 Java Programming individual project

### Farmtastic 2023

Developed a website that connects and aid farmers in improving their agricultural practices, including forums, online bookings for consultations with our agriculturists, and farmers' guides. Diploma semester 4 Web Development group project

### Vaccination record management system 2022

Developed a commandline interface to store and manage vaccination records and patient records. Diploma semester 3 Programming with Python group project

### Doctario 2020

Designed a App which bridges the gap between patients and doctors, allowing patients to book appointments, view their medical history, and receive reminders for their appointments. Finished finals and Won the MDEC Project Grant Digital Ninja Teen Tech Prize

### FrutioBox 2020

Developed a system concept that helps control the ripening of fruits by managing temperature, UV lighting, and ethylene levels. Finished finals of the Digital Ninja Accelerator Labs 2020.

### Fit-X 2019

Developed Fit-X, a commissioned project that is a personal training device aimed at innovating gyms with ultrasonic and accelerometer sensors to detect user repetitions, Presented at the PwC Townhall 2019.

### AR manuals 2019

Developed AR manuals, an augmented reality app that displays 3D arduino circuits and components for users to visualize and interact with.

### PeaSchool 2019

Developed PeaSchool, an app for gardeners and urban residents promoting organic food. Features include plant monitoring, tutorials, and a trading system. Finished finals of Digital Ninja Accelerator Labs 2019.