# Lee Jin Ming

#### Software Engineer

Email: leejinming2005@gmail.com | Phone: (+60) 12-483-6660 | LinkedIn: https://www.linkedin.com/in/lee-jinming/

Address: 92A, Jalan BP11, Taman Bukit Permata, 68100 Batu Caves, Selangor

#### **Skills**

## **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

#### **Productivity & Office Tools**

Microsoft Office Google Workspace Slack Zoom ClickUp Lark

## **Operating Systems**



# **Work Experience**

#### 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**

 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

## **Projects**

#### **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



Visual Studio

## 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

Node js Javascript CSS Pug Visual Studio Code MySQL Workbench

#### **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

Java Apach

Apache Netbeans

APFood 2023

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

PHP Html CSS MySQL phpMyadmin Visual Studio Code WAMP

#### MelaniBot Al 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

Botpress Figma

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

Java Apache Netbeans

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

Html CSS Javascript MySQL phpMyadmin Visual Studio Code WAMP

#### Vaccination record management system

2022

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

Python Visual Studio Code

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

Figma

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.

Arduino SketchUp Thinkercad Cura Figma

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.

Arduino Flutter Cura Thinkercad SketchUp Ultrasonic Sensors C++

AR manuals 2019

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

Vuforia Unity SketchUp

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.

Arduino Android Studios LoRa Java C++

## **Facial Recognition Door**

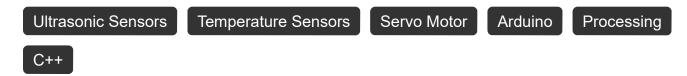
2018

Created a machine learning-based facial recognition system using OpenCV and Raspberry Pi to unlock a magnet-powered lock and record attendance. Presented at KLESF 2018.



#### Turtle Detection Radar 2017

Developed a radar using ultrasonic and temperature sensors on a servo motor to detect turtles coming ashore to lay eggs. Won a Silver medal at KLESF 2017.



I-CUBE 2016

Designed an incubator for chicken eggs focusing on reusing materials to provide a costeffective option for users. Presented at KLESF 2016.



The Pet Toilet 2015

Developed an innovative pet toilet using pressure plates, recycled materials, and a motor for flushing. Won a Bronze in the open category at Young Innovate 2015.



## **Certifications**

#### Google Play Academy - Store Listing Certificate

Issued by: Google
Date: February 2025
Credential ID: 132342324

Verification Link: https://www.credential.net/8cfc014a-f4c8-4b4d-b76f-2479aeb77f6c#acc.PH4pqkoh

# OpenCV Bootcamp Issued by: OpenCV

**Date:** February 2025

Credential ID: e7260943391842598a010e070cc23f52

Verification Link: https://courses.opencv.org/certificates/e7260943391842598a010e070cc23f52

## **ClickUp Expert Certificate of Completion**

Issued by: ClickUp

Date: February 2025

Cradential ID: pi3m5ii

Credential ID: ni3m5itx28vj

Verification Link: <a href="https://verify.skilljar.com/c/ni3m5itx28vj">https://verify.skilljar.com/c/ni3m5itx28vj</a>

# References