

# LAM KEN LUN

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## EDUCATION

**UNIVERSITI KEBANGASAAN MALAYSIA - Bangi, Selangor**

*Sept 2019 - Sept 2023*

Bachelor of Computer Science **CGPA 3.93/4.0**

**SMK TINGGI KAJANG, Kajang, Selangor**

*June 2017 - January 2019*

Malaysia Higher Education Certificate

## WORKING EXPERIENCE

**Volservers Solutions Sdn Bhd | Junior Flutter Developer | Kuala Lumpur ( March 2023 - October 2024)**

- Implemented computer vision library to analyze identification cards within 1 month.
- Completed an internal documentation system within 3 months without delay.
- Researched and implemented CI/CD pipeline for flutter workflow within 1 week.

**81 Group Sdn Bhd, Puchong | Part-Time Software Developer | Petaling Jaya, Kuala Lumpur ( January 2022 - May 2022 )**

- Completed handover process of in house application within 1 month with 100% timely completion.
- Leading a cycle of development and deployment of third party applications within 2 months in accordance with the estimated schedule.

**CSDS Kajang | Part-Time Programming Instructor | Kajang, Selangor ( January 2019 - May 2022 )**

- Collaborated with HQ to design different competition rules and regulation and completion within 2 days.
- Managed a teaching tutorial with 100 participants and optimal satisfaction.
- Taught 20 students from 3 different difficulties.

## PROJECT EXPERIENCE

**Integrated Design Project (IDP): Deep Learning Based Tiny Object Detection System (Software Design)**

- Development of a fully convolutional neural network to detect tiny objects from images taken from unmanned aerial vehicles (UAV).
- Designed a multiple fully convolutional neural network using Tensorflow.

- Completed the neural network with above benchmark score of 0.65 as compared to 0.55 in standard benchmark test.

**Hovernet Grand:** Deep Learning Based Object Segmentation (Software Analysis)

- Configured training pipeline on Hovernet using Pytorch.
- Developed visualization tools to visualize results from trained Hovernet.

## **SKILLS**

**Technical:** Flutter (Dart), Android (Java), React JS, React Native JS, Python, Jupyter Notebook, Pytorch, Tensorflow, Linux, Unix

**Functional/Leadership:** , System deployment, Software Testing, Project Management, Devops

**Languages:** Fluent in English and Malay. Can speak in Mandarin.