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**

WORKING EXPERIENCE

Grooops Technologies Sdn Bhd | Machine Learning Engineer | Subang Jaya, Selangor (March 2023 - January 2025)

- Implemented computer vision library to analyze identification cards within 1 month.
- Developed a bank statement parsing system within 1 month
- Developed a character recognition engine within 1 month
- Researched and implemented CI/CD pipeline for flutter workflow within 1 week.
- Completed several change requests on a VueJS Project timely.

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 (Image Analysis)

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

SKILLS

Technical: VueJs(Typescript/JS), Flutter (Dart), Android (Java), Python, Jupyter Notebook, Pytorch, Tensorflow, Linux, Unix

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

Languages: Fluent in English, Malay; and speaks conversation level Mandarin.