Winson Gan

Bachelor of Mechanical Engineering with Honors (3.84)
Universiti Tun Hussein Onn Malaysia (UTHM), 2016 - 2020

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WORK EXPERIENCES

Self-Learning, Muar, Johor, Malaysia Nov 2021 - Present

- Self-learning to enhance skill in programming knowledge and computer science especially in the field of AI & ML and web development.

SKYMIND, Georgetown, Penang, Malaysia —**AI Engineer** May 2021 - Oct 2021

Python / Numpy / Pandas / MatPlotLib / Java / ND4J / DL4J / CloudShare / TestGorilla / Cocalc

- Researched, curated and developed AI training course contents and practical AI use cases.
- Delivered and conveyed course contents in training session.
- Setup a virtual environment for examinations.
- Provided support and resolved issues raised by trainees.
- Researched and developed on the Learning Management System (LMS) website.

DFE TECH, Seremban, Malaysia — **Internship Trainee** July 2019 - Sep 2019

SOLIDWORKS / LS-DYNA / PreSys

- Configured parameters for each product testing based on condition.
- Carried out product testing through simulation.
- Analyzed the result and conducted optimization to the product
- Researched and queried on product relevant data.

ACHIEVEMENTS

Google Cloud Platform (GCP)
Managed to complete 4 tasks

Huawei Certified ICT Associate (HCIA)
Passed examination

Certified Deep Learning Engineer (CDLE)
Passed examination

AI for Everyone (AIFE)
Passed examination

INDIVIDUAL PROJECTS

WG Mall — *A B2C ecommerce website where the business sells products to public consumers.*

Python / Django / REST / Vue / MySQL / Redis / CELERY / RabbitMQ / Docker / Nginx / DFS / Elasticsearch / WSL2

SLAM Navigation —*Mapping robots/autonomous vehicles to build a map and localize itself on that map.*

Linux / ROS / SLAM / TurtleBot3 / Gazebo / Rviz / Xserver

Python CV — *A series of computer vision projects that integrated in hand tracking, pose estimation and face detection*

Python / OpenCV / MediaPipe / Pycaw / Numpy