TAN CHEN TUNG

MASTER STUDENT - AI

P My Portolio website: Link

CONTACT ME AT

✉ tantung@graduate.utm.my

📞 016-9842600

in https://www.linkedin.com/in/ansonnn07/

○ https://github.com/ansonnn07

k https://www.kaggle.com/ansonnn

SKILLS

- Python programming & automation
- SQL
  - MySQL
  - Microsoft SQL Server
- Git and GitHub
- Spreadsheets and Microsoft Excel
- Data Analysis and Visualization with Python
- Web Scraping
- Machine Learning
  - Scikit-learn
- Deep Learning
  - Basics of Tensorflow & PyTorch
- Computer Vision
- Natural Language Processing
- Deployment
  - Docker
  - Web development with Flask
- Visual Studio Code IDE
- Arduino

PERSONAL PROFILE

I am a Master's Student currently doing research work on AI for computer vision in Universiti Teknologi Malaysia, Kuala Lumpur (UTM KL). I am highly motivated to learn about Data Science to build things that can help the world. By self-learning through the past year, I have done several projects related to Data Science and even built some simple web applications to showcase them.

NOTABLE PROJECTS

Master's Project (ongoing)
Precision Calf Weight Estimation via Machine Vision

In this project, I am required to build a monitoring system that can show the live updates of calf weights in a dairy farm in Malaysia. This system makes use of deep learning with computer vision in order to predict calf weights through camera feeds. These weights are used to estimate the appropriate feed intake for the calves.

Data Analysis of Smartwatch Device Usage
A case study done in the Google Data Analytics Certificate Course

The case study involved analyzing the historical usage data of customers on smartwatch devices and provide high-level recommendations to a company in order to help guide marketing strategy for their smartwatch products. The entire life cycle of data analysis have been incorporated into the project.

Anime Recommendation System
A recommendation system similar to Netflix, deployed in website.

This project involved creating a recommendation system based on collaborative filtering using TensorFlow with Keras framework. The model is then incorporated into a website built using Flask, and deployed to a Google Cloud Platform's Virtual Machine instance so that it is accessible online here. The code is available here in GitHub.

EDUCATIONAL HISTORY

Universiti Teknologi Malaysia
Bachelor of Mechanical Precision Engineering | Sept 2015 - Mar 2019

- Studied important statistical knowledge required for Data Science.
- In a capstone project of building an automated instant noodle vending machine, I was the leader tasked with combining the Arduino code for each of the different components of the machine into one module so that they work together.