Aw Yew Lim

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EDUCATION

Bachelor of Computer Science (Hons) - **Multimedia University** April 2019 - Present

- Specialization in Data Science
- CGPA: 3.87/4.00

Deep Learning by deeplearning.ai – **Coursera** Jun 2020

Machine Learning by Stanford Univeristy – **Coursera** Apr 2020

SIDE PROJECTS

Manufacturing Defects Detector (TensorFlow, Keras, OpenCV, Flask)

- Build a deep learning model using Convolutional Neural Network and train it using dataset from Kaggle. Deploy the trained model to web with Flask. The dataset is taken from Kaggle.

Facial Expression Recognition (TensorFlow, Keras, OpenCV, Flask)

- Build and train a Convolutional Neural Network from scratch to recognize facial expression. The objective is to classify each face based on the emotion shown in the facial expression into one of the seven categories (Angry, Disgust, Fear, Happy, Sad, Surprise, Neutral). The dataset is from FER 2013 dataset.

Sentiment Analysis (Scikit-Learn, NLTK)

- Analyze movie reviews from dataset using a simple logistic regression estimator from Scikit-Learn. NLTK is also used to perform feature extraction. The dataset is taken from IMDB.

Web Scraping (Selenium)

- Scrap data of Kuala Lumpur attractions (Name, Ranking, Building type, Overview, Address) from tripadvisor.com and store them into csv file.

HONOUR & AWARDS

Dean's List honors April 2019 - Present

LANGUAGE & SKILLS

Programming Language: Python, Java, R, C++, SQL, HTML, CSS
Framework: TensorFlow, Keras, NumPy, Pandas, OpenCV, Scikit-Learn, Flask, Selenium, Javax
Human Language: English, Chinese, Malay, Hokkien

ADDITIONAL EXPERIENCES

Member of IT Society

- The official club of Faculty of Computing and Informatics in MMU. Actively join events and workshops organized by the committees of IT Society.

Member of Google Developer Student Club (GDSC@MMU)

- Google Developers program for MMU students to learn Google Products.

Participated in TARUC e-data hackathon

- Design and develop an AI toolkit with image processing and computer vision techniques that can detect manufacturing defects automatically.

Participated in AI Challenge [CODE TO JAPAN]