

Aw Yew Lim

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EDUCATION

Multimedia University (MMU)

April 2019 – March 2022

- Candidate for Bachelor of Computer Science (Hons) with specialization in Data Science
- CGPA: 3.82/4.00

DeepLearning.ai, Coursera

Jun 2020

- Candidate for online course 'Deep Learning Specialization'

Stanford University, Coursera

Apr 2020

- Candidate for online course 'Machine Learning'

WORK EXPERIENCES

Innov8tif, Malaysia

March 2021 – June 2021

AI Engineer intern

- Prepare image sample for machine learning. Help on annotations for MyKad landmark and glare detection. Develop and assist image processing algorithm. Undergo testing and write documentation.
- Involve in similarity check research, MyKad and Singapore ID classification, Khmer OCR on Cambodia ID project.

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.

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, Pytesseract

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.