Wei Lun LIM (Lyner)

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EDUCATION

Master of Science (Information Technology) by research   Jan 2019 - Expected Dec 2021
Multimedia University (Cyberjaya)   *Cyberjaya*

- Thesis: Sentiment Analysis by Fusing Text and Location Features of Geo-Tagged Tweets

Bachelor of Information Technology (Hons) in Artificial Intelligence   June 2015 - May 2018
Multimedia University (Melaka)   *Melaka*

- CGPA: 3.46 / 4.0

EXPERIENCE

Research Assistant   May 2021 - Oct 2021
Sunway University

- Developed an object detection model (YOLO) to detect five classes of grayscale droplets in 2D images.
- Implemented semantic segmentation model (UNET, ResUNet, Double UNet) to segment a class of grayscale droplets in 2D images.

Data Scientist   Nov 2020 - Apr 2021
Multimedia University

- Built a dashboard to visualize and better explain the data to stakeholders.
- Setup a platform that integrates different modules into one web application.
- Developed a machine learning model to predict future cases for some diseases.

Research Assistant   Nov 2018 - Oct 2020
Multimedia University

- Researched English and Malay sentiment prediction on customer complaint tickets under TM R&D grant.
- Developed Flask API to predict sentiment on English and Malay sentences using the Transformer model.
- Built a web dashboard with Flask to visualize the customer churn data and deployed it to Heroku.

PUBLICATION

Wei Lun Lim, Chiung Ching Ho, and Choo-Yee Ting. "Sentiment analysis by fusing text and location features of geo-tagged tweets." IEEE Access 8 (2020): 181014-181027. [Paper]

SKILLS

Data Science	Keras, TensorFlow, Pandas, Scikit-learn, PyTorch
Web Development	Python (Flask), HTML, CSS (Bootstrap, Semantic UI), JavaScript (jQuery)
Misc	SQL, Linux (Ubuntu), Git (GitHub), Cloud (Azure, Digital Ocean, Heroku)