

Malaysian in Taiwan

## **About Me**

Passionate in solving new and challenging problem, currently seeking jobs in machine learning related position. I write clean and readable code ( mainly Python ) and actively contributing to open source community.

## **Work Experience:**

### **Lead Engineer in PHEME Pte Ltd**

**06/2019 - 05/2021**

- Developed an in-house content extraction library and crawler pipeline.
- Developed and optimise web service which handles 100k daily requests from customers across different continental. The result is achieved through SQL and database (Postgres) optimisation, refactor part of existing code as asynchronous functions.

### **Master Student at National Yang Ming Chiao Tung University**

**09/2019 - Present**

- Master research mainly focus in entity disambiguation (NLP) and text generation.
- Co work in story visualisation paper where we propose a new model that focus in high fidelity story characters and introduce a new metric called Frechet Story Distance (FSD) to evaluate the final performance.
- Co work in a new regularisation method name Gradient Normalisation (GN) used in generative adversarial network ( GAN ). GN beats all existing state of the art methods in image and text generation.

## **Academic Publication:**

8/2020      **Character-Preserving Coherent Story Visualization [ECCV 2020]**

Second author, 26 percent acceptance rate

7/2021      **Gradient Normalization for Generative Adversarial Networks [ICCV 2021]**

Second author, 25.9 percent acceptance rate

## **Competition Experience**

**1st in 2018 全國智慧製造大數據分析競賽 hosted by Taiwan Ministry of Education**

Reached 93% accuracy in classifying industry machinery failure using self supervised learning and contrastive learning to train neural network model. [Media coverage](#)

**1st in I'm the Best Coder! Challenge 2020 hosted by Shopee Taiwan ( Student group )**

Coded an algorithm to find whether a sets of items can be placed inside a given parcel size. Our team reached perfect 1.0 scores in final evaluation sets [Kaggle](#) [Team Name : Two people is all you need ]