

Education

**National Cheng Kung
University**

2018/07 | 2020/08

- MS in Institute of Data Science.

**National Changhua
University of Education**

2014 | 2018

- BS in Department of Mathematics.

Work Experience

Data Scientist (Intern)

Appier

2020/10 – 2020/12

- Design keyword recommender system for ASA(Apple Search Ads) platform and it brings 6% - 9% #install and drop 4% - 5% CPI (Cost Per Install) improvement for Appier customers.
- Moreover, the recommender system have been deployed to Appier product.
- Collaborated with front-end engineer and then implemented auto keyword data crawler, it can collect keyword organic data for keyword recommender system.

Data Analyst (Intern)

CISPA

2019/07 – 2019/09

- Design Instagram check-in location recommender system and it brings 12% - 16% Top-10 Precision improvement compared with recent state-of-the-art recommender system.
- Moreover, the recommender system can infer new users behavior by 5 click throughs and then recommend check-in location to new users. It brings 5% -9% Top-10 Precision improvement compared with recent state-of-the-art inductive learning based recommender system.

Research Assistant (PT)

Academia Sinica

2020/08 – 2020/12

- Design contradictory article detection model and it brings 19% - 26% Precision improvement compared with LSTM, BERT model for Wikipedia article.
- Collaborated with Wikipedia Team and keeping performance improvement. We hope the model will contribute to our world as soon as possible.
- Moreover, the experiment result has been submit to NAACL2021

Skills

- Programming Language: Python, SQL
- Machine Learning Development Tools: Pytorch, Tensorflow
- Visualization Tools: Matplotlib
- Development Tools: Git, GitHub, Bitbucket, Linux
- Speciality: Recommender System, Natural Language Process, Data Analysis

Awards

- **KDD2019 Student Travel Award** In 2019, my professor and me published a regular paper in KDD conference and the paper has been accepted and its name is "Learning Sleep Quality from Daily Logs". Moreover, we apply for the student travel award successfully.