



Chen-Ming Yang

DATA SCIENCE · SOFTWARE DEVELOPMENT

Taipei, Taiwan

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"A Foolish Consistency is the Hobgoblin of Little Minds"

Summary

I believed that a great contribution must be consist of three parts - engineer, analysis, and operation. That's the reason why I interested in software development and data science. It brings the detail of products and reasonable decisions.

Open to any position related to engineer and data. Looking for a team that everyone loves learning and willing to share with each one.

Education

National Chi Nan University (NCNU)

BS & MASTER'S DEGREE IN COMPUTER SCIENCE AND INFORMATION ENGINEERING

Nantou, Taiwan

Sep. 2011 - Jul. 2016

- The Master research competition in the department. (First Prize)
- Paper "Integrated Sleep Scheduling for Multiple Relays and UEs in LTE-TDD"
- The Director of Student Association of CSIE Department.

Memorial University of Newfoundland (MUN)

BACHELOR EXCHANGE STUDENT IN COMPUTER SCIENCE

St. John, NL, Canada

Sep. 2014 - Apr. 2015

- Two semesters with GPA 3.5, 3.6 respectively.

Work Experience

WeMo Scooter Corp.

DATA SCIENTIST

Taipei, Taiwan

Sep. 2019 - PRESENT

- Auto-generate Airflow Dag to reduce the pipeline deployment schedule time
- Maintain and Design the Data Warehouse provides to data scientist (GCP / Airflow)
- Maintain and Design the Dashboard to access data insight rapidly (Metabase)
- Fleet management analysis on dispatch, routing, idle time, and hotspot area
- Demands Forecasting

KYC Right

SPECIALLY APPOINTED RESEARCH ASSISTANT

Remote

Nov. 2019 - Apr. 2020

- Community detection for low-credit user.

Academia Sinica, Institute of Information Science

RESEARCH ASSISTANT & RDSS (COMPULSORY MILITARY SERVICE)

Taipei, Taiwan

Aug. 2016 - Aug. 2019

- Build a beetle trajectory tracking pipeline for biology researcher to replace human labeling process.
- Cooperate the paper "Artificial intelligence reveals environmental constraints on colour diversity in insects" with ESSLab.

Skills & Interested

Loving to build and use the script to make the workflow easier.

- 4+ years **Development**, Boosting the development with various command-line tools on Ubuntu
- 2 years **Data Warehouse**, Integrating the RDB and NoSQL data sources into BigQuery with dimensional modeling
- 2 years **Data Pipeline**, Using Airflow on GCP to do batch processing for data operation, warehouse, and reporting.
- 1+ years **Computer Vision**, Using OpenCV and open source to handle the image preprocessing and augmentation
- 2+ years **Analysis**, Using SQL-based / Machine Learning / Deep Learning on numerical / image / geographical analysis

Frequently

Frequently

Frequently

Used

Sometimes