

# CHEN YU WANG

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## PURPOSE

Seeking for *Data Scientist opportunity*

2019

## EDUCATION

**NATIONAL TAIWAN UNIVERSITY (國立臺灣大學)**

Taipei, Taiwan

*Bachelor of Economics*

Sep 2012 - June 2016

**Relevant skill**

- proficient in Python
- Web Crawler
- Linux basic operating knowledge
- familiar with MySQL
- Text Mining
- Machine Learning

## ACTIVITY

**HackNTU - Organizer**

NTU, Taipei, Taiwan

- Organized Hackathon , and variety of Workshop and courses, like UI/UX, HTML, Unity.

Dec 2015 - July 2016

## EXPERIENCE

***The Republic of China Army***

Taiwan

Mandatory Service

Feb - Jun 2017

***Institute for Information Industry, Big Data department***

Taipei, Taiwan

**Crawler**

July 2016 - Feb 2017

- Design and build several crawler, scraping selling data from Taobao, PChome and Yahoo to develop a near real-time price comparison framework.
- Web scraping with python to catch driver's open data from Motor Vehicle Driver Information Service for Vehicle monitoring system model.

**Recommendation system**

- Design and build the recommendation system with several machine learning methods and try to combine deep learning improving matching rate and correction rate making the recommendation more accurately.

**API-toolkit**

- Develop toolkits for dynamic SQL queries and machine learning APIs in Python.
- Toolkits for connecting Google Translate to translate mass text data in SQL queries type.
- An OCR toolkit base on Tesseract and Pillow which can read .jpg 、.png 、PDF form file , disturbance line solving ,calculate text similarity with TF-IDF and other Text Mining methods like NLTK 、CKIP 、Jieba and Word2Vec to Language Model.

***Tazze-Data mining program***

Taipei, Taiwan

Professor Pohan Fong's group

July - Dec 2015

- Analyze TAZZE's database ,enacting the most profitable and suitable strategy for new book exhibition in it's official website.

***Quantity research***

Taipei, Taiwan

**Credit Card spending records analysis**

Feb 2015

- Using RFM ,decision tree,regression to cluster the most valuable customer and predict the potential spending power

**Did beauty affect Oscar prize ?**

July - Dec 2014

- Construct prediction model , knowing how beauty effect the Oscar prize and Box office.

## ADDITIONAL

Welcome to my Github ( <https://github.com/JimCurryWang> ) and see my viewpoints and analysis experience.