



# Yoda Yu (游達)

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National Chengchi University 國立政治大學

Master's program in Management Information System 資訊管理碩士班

Lab of Decision and Quantitative Analysis 決策與數量分析實驗室

To be Data Analyst & Data Scientist 夢想成為資料分析師&資料科學家

Double domain background - Economics & Life Science 雙主修經濟&生科

## Skills

### Programs Skills

C .....  
R .....  
Python .....  
TensorFlow .....  
MySQL .....  
.....

### Domain Knowledge

- Life Sciences : bioinformatics
- Information Management : platform, and sharing economy
- Finance : derivatives pricing
- Economics: mathematical model

### Soft Skills

- ToEIC : 880/990
- Used to trying new things
- Open communication and collaborates with others
- Creative problem-solving skills

## Data Analytics Project

### Kaggle KKBox Insights

I focus on 1. churn prediction (會員流失預測). 2. different targets in order to broaden the insights from this data. (Churn prediction's test accuracy : 0.92, F1-measure : 0.35 by random forest model)

### Protein Localization Prediction

I use K Nearest Neighbor algorithm to predict the subcellular localization of proteins whose features are given. (Testing accuracy is 0.91 by performing 5-fold cross-validation)

## Educations

### NCCU MIS (政治大學資管碩士班)

Sep 2017 - Present

- Want to improve data analysis skills.
- Started with several projects and learning by doing.

### NTHU Life Science (生科雙主修)

Sep 2014 - Jun 2017

- Double major in life science when the third year of college.
- Due to the interest of biology and animals.
- Learn more about systematic thinking, and paper reading.

### NTHU Economics (清華大學經濟學系)

Sep 2012 - Jun 2017

- The top 3 economics department in Taiwan.
- Be known for its teaching faculty and its long history.
- Gain knowledge of comparative analysis with various economic models.
- GPA : 3.78 (85.33%)

### Jianguo High School (建國中學)

Sep 2009 - Jun 2012

- The No.1 senior high school in the northern Taiwan.

## Experience

### 1 Case Analysis Competition, Jan 2018 - Present

- Organized by Taiwan Tech (國立臺灣科技大學) & NTHU (國立清華大學)
- About IOT and Industrial system integration.
- The first stage was selected, and still working on it now.



### 2 Internship Training & Competition, Mar 2015 - Apr 2015

- Held by MIC (資策會產業情報研究所).
- Industrial analysis and soft skill training courses
- Obtaining internship interview qualification.



### 3 Internship in Royal Feast Vitality Technology Co.,Ltd, Jan 2015 -Feb 2015

- 中晏生機科技股份有限公司
- Fresh meat preservation and Warehouse management.
- Exhibition marketing.



### 4 Taxation Competition, Oct 2014

- Held by Taxation Bureau.
- Second Place in the North District.



### 5 International Volunteer (East Africa), Jul 2014 - Aug 2014

- Partners from China, Germany, Italy and Kenya.
- Began with a speaker to Uganda high school students.
- Visit the review video on [YouTube](#).



### 6 Clubs & Team Working, Sep 2013 - Jun 2014

- Vice leader in student association of the department.
- Vice president in club, AIESEC.



## Other Interesting Projects

### The Pyramid Thrilling Game in C

Team project, in which I design the main map and one of the four checkpoint



[View my web page](#)

### Sudoku (解數獨) in Python

Because I played Sudoku more slowly than my friend, so this program assists me.



[View my full Resume](#)

### PCA (主成份分析) in R & shinyapp.io

Manipulated Iris data set. Also use the web-based tool, shinyapp.io, to display the result interactively.