



CONTACT

✉ 610911007@gms.ndhu.edu.tw
 ☎ 0972733147
 ♥ Taichung
 @YiHsinLu (Sam Lu)
 @yi_hsin.lu

SKILLS

Programming

R ●●●●●
 Python ●●●●●
 PostgreSQL ●●●●●
 LaTeX ●●●●●

Software & Tools

Visualisation ●●●●●
 (e.g. plotly, highcharter, ...)
 Data analysis ●●●●●
 (e.g. PCA, t-SNE, ...)
 Machine learning ●●●●●
 (e.g. Random forest, ...)
 Text mining ●●●●●
 (e.g. tidytext, tidyverse, ...)
 Office ●●●●●

Languages

Chinese ●●●●●
 English ●●●●●

Other skills

Chinese music ●●●●●
 volleyball ●●●●●

OTHER

- Military service: discharged

ABOUT ME

- Interested in researching since I worked in Academia Sinica.
- Combined the statistical technique with music, education, etc.
- I am not afraid to challenge or learn new things.

WORK HISTORY

📅 09/2019 - 01/2020
 📍 Academia Sinica
 Institute of Information Science
 👤 Adviser: Ph.D. Jan-Ming Ho
 Ressearch Assistant
 Data analysis and database for macroeconomics variables

EDUCATION

📅 01/2021 - 06/2023
 📍 National Dong-Hwa University
 Applied Mathematics
 👤 Adviser: Ph.D. Chen-Hai Andy Tsao
 📄 Thesis title: Data Visualization for Jazz Musicians
 Master
 📅 09/2014 - 09/2019
 📍 National Dong-Hwa University
 Statistical Science of Applied Mathematics
 Bachelor

CLUB EXPERIMENT

📅 08/2022 -06/2023
 📍 National Dong-Hwa University
 🏐 Men's volleyball team
 Captain
 📅 09/2016 - 07/2017
 📍 National Dong-Hwa University
 🎵 Chinese music orchestra
 Bandleader

THESIS

Data Visualization for Jazz Musicians

- 👤 Adviser: Ph.D. Chen-Hai Andy Tsao
- Displayed the visualization as a map.
 - Illustrate the relationship between musicians by their distance and color based on variables. (e.g. instruments, genres, etc.)
 - Utilized three primary colors on multi-value variables.