

YI-HSIN LU

Visualization Researcher, Data Scientist, Chinese Musician, Volleyball Player



CONTACT

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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, linear model, ...)
Text mining ●●●●●●
(e.g. tidytext, tidyverse, ...)
Office ●●●●●●

Languages

Chinese ●●●●●●
English ●●●●●●

Other skills

Chinese music ●●●●●●
volleyball ●●●●●●

OTHER

- Military service status: discharged

ABOUT ME

- I am interested in research since I worked in Sinica.
- I am curious about applying statistical technology to music, education, etc.
- I am not afraid of learning new knowledge or skills.

WORK HISTORY

📅 09/2019 - 01/2020
📍 Academia Sinica
Institute of Information Science

Research Assistant

Data analysis and database for macroeconomics variables

EDUCATION

📅 01/2021 - 06/2023
📍 National Dong-Hwa University
Applied Mathematics

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

- Visualization as a map for jazz musicians
- Three primary colors for multivalue features (e.g. instruments, genre, etc.)
- Relationship between musicians on the map