



Visualization Researcher, Data scientist, Chinese musician

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, ...
- 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 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
 🏐 Volleyball team

Captian

📅 09/2016 - 07/2017
 📍 National Dong-Hwa University
 🎵 Chinese music orchestra

Bandleader

THESIS

Data Visualization for Jazz Musicians

👤 Adviser: 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