

LIN, YEN-PING

yenping074@gmail.com | +886 952 842 581

SUMMARY

- Life practitioner; Caregiver; Data Enthusiast; Non-typical IT guy.
- Gave talks in several places, such as SINICA, governmental health department...etc.
- Specific experiences of front-end, WebGIS, dashboard, data analysis & visualization.

AWARDS

- Won *Creativity Award* (Top 10), Chunghwa Post Big Data Competition, 2019
- Won *Top 5 Excellent team* in the Presidential Hackathon, 2018 (as external GIS expert)
- Won *5th place* in MIT x TMU Healthcare Hackathon, 2017

EDUCATION

National Taiwan University of Science and Technology, Taiwan 2019 - 2021
Master / Information Management, E-Business and Supply Chain Management LAB
Attended, with 50+ credits toward a master degree.

National Taiwan University of Science and Technology, Taiwan 2009 - 2014
Bachelor / Information Management
With double major in *Technology Management* and minor in *Foreign Applied Languages*
Graduated with GPA 4.0 (total average 87.27 with total 185 credits)

University of Hradec Králové, Czech Republic 2013.01 - 2013.06
Exchange Student / Faculty of Information Management

WORK EXPERIENCE

Soho Front-end / Tutor / Athlete 2021 - Present
Developing web tools related to road running and marathon, while training with top athletes in Taiwan (e.g. Tsao, Chun-Yu, Chen, You-Jen and Chang, Chia-Che).

- PacePonPon: a tool for track & field pace transformation. [\[link\]](#)
- 2021 Taipei Marathon Calculator & Pace Band. [\[link\]](#)
- Tutoring: R, Statistics, and Business Analytics for college/graduate school level; English, Math and Science for junior high level; English and Chinese for Grown-up.

Research Engineer 2019.01 - 2021.01
Center for Green Economy, Chung-hua Institution for Economic Research (CIER)

- Analyzed Taiwan's biomass data and built an interactive GIS dashboard.
- Developed a GIS website to promote System Integration Solution in Taiwan.
- Wrote couple of analytical articles about biomass in Taiwan.

Research Assistant 2018.01 - 2018.12
Kaohsiung Medical University

- Analyzed Out-of-hospital cardiac arrest (OHCA) data in Kaohsiung city and built a risk model which took probability of occurrence, response time and delivery time in consideration.
- Developed an interactive GIS dashboard to visualize OHCA data and the risk model.

Research Assistant

2015.09 - 2017.04

National Taiwan University

- Analyzed and visualized New Taipei City's emergency medical service data.
- Simulated the journey of ambulance using AnyLogic and Java.
- Built a dynamical patrol model/algorithm for dispatching ambulance, improved average response time by 25% with statistical significance.
- Validate the model with agent-based simulation method.

Intern

2014.02 - 2014.07

ETU, SYSTEX Corporation

- Researched on the RHadoop library and conducted distributed computing in R.
- Perform data analysis using machine learning algorithms such as Principle Component Analysis (PCA) and collaborative filtering. [[Intern Report](#)]

PROJECTS

D4SG Data Hero: OHCA Risk Map

2016.10 - 2017.05

D4SG means *Data for Social Good*. This program gathered people to voluntarily contribute themselves to solve public affair problem using machine learning and data analytic skills. This project is considered as a paradigm of public and private partnership. [[more](#)]

PROFESSIONAL SKILLS

Programming	R, Python, Java
Web	HTML, CSS, JavaScript
Data Visualization	Leaflet, Highchart, Plotly, D3
Statistical Modeling	GLM, Multivariate Analysis, Decision Tree
Methodology	Design Thinking, System Dynamics, Agent-based Simulation

CERTIFICATES

English	<ul style="list-style-type: none">• TOEIC: 855 (L:445 R:410)• TOEFL iBT: 97 (R:27 L:29 S:19 W:22)• IELTS: Overall 6.5 (L:7.0 R:7.0 W:6.0 S:6.5)
Database	<ul style="list-style-type: none">• Oracle 10g: Database SQL Certified Expert (OCE)
Others	<ul style="list-style-type: none">• New Taipei City's street artist (DoNuts Harmonica Ensemble)• Lifeguard of International Committee of the Red Cross• Google AdWords Qualified

ACTIVITIES & INTERESTS

- Mountain Climbing: 50+ peaks of 100 peaks of Taiwan.
- Running:
 - Half Marathon: 2023 Taipei Marathon (1:21:37, Rank 112/16,689)
 - Trail Running: 2024 Tour de Taipei (58K, 10:31:45, Rank 2/57)
- Harmonica playing: former leader of DoNuts Harmonica Ensemble