

# 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 *5<sup>th</sup> place* in MIT x TMU Healthcare Hackathon, 2017 [\[link\]](#)

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

## 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