

# Hsiang-Jen Li RN

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## Education

### National Taiwan University of Science and Technology

Department of Computer Science and Information Engineering

GPA: 4.02/4.3

Taipei, Taiwan

2024

### National Kaohsiung University of Science and Technology

Department of Money and Banking

GPA: 3.82/4.3

Kaohsiung, Taiwan

2022

## Competition and Award

### Campus Fintech Innovation Challenge

- Taiwan Academy of Banking and Finance

- Ranked as the 8th out of 187 teams

2022

### Joint Exhibition on Artificial Intelligence and Neural Networks

- National Kaohsiung University of Science and Technology - Department of Electrical Engineering

- Ranked as the 1st out of an estimated 30 teams

2022

### Campus Achievement Exhibition

- Fintech Space

- Competition's preferred choice

2020

## Side Projects & IT Blogs

### Evasion Attack in Machine Learning

- We are trying to add some noise to the malware(binary file) to make it undetectable by the CNN model.

2023.09 ~ 2023.12

### 2023 IT home Ironman Challenge - AI and Data

- I will try to learn and read some papers about Network Science and its application in 30 days.

2023.09 ~ 2023.10

### Web Scraping : Social Network Crawler

- Using Dynamic Web Scraping Packages (Selenium, Playwright etc.) to crawl social network data.

- The data will be stored in MongoDB and can be used for further analysis.

2023.07 ~ 2023.08

### Graph-based : Keywords Recommendation System

- Applying Graph Theory/Network Science field to build a keywords recommendation system.

2023.05 ~ 2023.06

### Taiwan Famous Ecommerce : Find Identical Products

- Finding identical products from item's name is a quite challenging task.

- Using Regular-Expression and CKIP-transformer to extract keywords from item's name.

- And using dimension-reduction and cluster algorithms to find identical products.

2022.11 ~ 2022.12

### Apriori J104

- An application for analyzing the skills required by the job market.

- The data is crawled from 104 job bank and stored in MongoDB.

- And the data will be processed by CKIP-transformer.

- Finally, using apyori algorithm to find the association rules between skills.

2022.05 ~ 2022.06

### Financial Public Opinion Analysis

- Using Django to build a web application for analyzing financial public opinion.

- The data is crawled from Anue and the data will be stored in MongoDB.

2022.03 ~ 2022.06

### Line-Bot : Stock Info

- A Line-Bot for getting the stock information.

2020.10 ~ 2021.07

## Skills

language : python advanced , sql beginner

website : fastapi beginner , html beginner , bootstrap beginner

tool : git intermediate , docker intermediate

platform : ubuntu intermediate , windows intermediate