

YI-JHAO CHEN

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Relevant Coursework

Computer Science: Programming Design(C++), Computer Science: Introductions to Computer Security, Data Structures, Algorithms

Web Technologies: Database Management, Computer Networks and Applications, Systems Analysis and Design, Web Application Programming, The Web Developer Bootcamp 2023 on Udemy

Selected Projects

Inklink | *React, Tailwind CSS, FastAPI* **December 2023**

- Building a website for People to exchange or sell their secondhand book.
- Orchestrated seamless integration between frontend and backend, and contributed significantly to the generation of mock data for testing purposes.

Find Your Next Owner | *React, Tailwind CSS, React error handling* **May 2023**

- Building a website for Taiwan N.O.E, aiding stray animals in finding potential owners.
- Responsible for frontend, with a focus on error handling.

Dental Clinic Appointment System | *Figma* **May 2023**

- Developed a more user-friendly and error-preventing appointment scheduling system for a dental clinic. The existing system is raw and lacks proper record-keeping. Our designed system, with error prevention mechanisms and record retention capabilities, aims to reduce the error rate in internal clinic operations.
- Mainly involved in creating the ER diagram.

File Server | *FastAPI, PostgreSQL, Minio* **May 2023**

- Made a file server like mega with high security. We used symmetric key to encrypt files, then the receiver's public key to encrypt the symmetric key to achieve double encryption security.
- Mainly involved in drawing the diagrams for our system and comparing our system with Line and Twitter.

Sneaked Spam | *Python* **December 2022**

- Used the Multinomial Naive Bayes in machine learning to checkout how to avoid the spam identification. In conclusion, we found out that adding the high frequency words in normal email is the most efficiency way.
- Mainly involved in using different methods to avoid the spam identification.

Law-Esearch | *Business Model Innovation* **December 2022**

- With the launch of the 2023 National Judges Act, we designed a platform called "law-Esearch" to make it easier for the public to obtain legal knowledge.

Skills

Scripting Languages: C++, Python, JavaScript

Web Technologies: HTML/CSS, React, Tailwind

Developer Tools & Others: Git, Github

Education

Wego Senior High School **Sep. 2017 – June. 2020**
Taipei, Taiwan

National Taiwan University **Sep. 2020 – June. 2024**
Taipei, Taiwan
B.B.A in Information Management