

You-Ming Yeh

Full-stack website development | Application development

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EDUCATION

•National Taiwan University

July 2021-Present

Information Management

GPA: 4.04

Courses: Web Programming, Programming Design, Data Structure and Programming, Algorithm Design and Analysis, Statistics, Operating System, Text Mining

EXPERIENCE

•Chunghwa Telecom Laboratories

UI/UX, Frontend, Backend, SQL, Devops

Full Stack Developer(Part Time)

Jul. 2023 - Aug. 2023

- Independently developed a robust backend system within a month from scratch, specifically tailored for a renowned publicly-listed dining conglomerate, managing reservations across all their branches, handling tens of thousands of data entries.
- Proactively self-learned and integrated a suite of modern and trending tools and frameworks in just few weeks, encompassing UI/UX, DevOps, and full-stack development, ensuring seamless alignment with the company's existing architecture.

•PDOGS Judge

Docker, GitLab CI/CD

DevOps Developer

Jul. 2023 - Aug. 2023

- Initiated learning from scratch various DevOps tools such as Docker, GitLab CI/CD, and pipeline design within a month.
- Assisted PDOGS Judge in designing the Backend CI/CD pipeline.

•Programming Design and Optimization 2023

Website, APIs Development, Problem Setting

System Manager and Problem Creator

Jan. 2023 - May 2023

- Developed and maintained PDAO 2023 website, showcasing the contest information, effectively serving hundreds of participants.
- Created and connected APIs for the programming contest scoreboard and judge system, successfully supporting a user base of 200, which was previously unattainable in PDAO 2022.
- Applied graph theory and the knapsack problem from Data Structure and Algorithm course to create a competition problem.

WORKS

•Portfolio Website

Mar. 2023

A website to present myself. [Link](#)

- Designed and developed the website from scratch using React, GSAP, and Tailwind, with the implementation of Server-Side-Rendering.
- Increase the Lighthouse performance score from 81 to 96, and seo score from 82 to 100 within a week by optimizing the efficacy.
- Incorporated animations using GSAP and implemented RWD to enhance the website's visual appeal and create an engaging user experience.

•Text Base Math Calculator

Apr. 2023

A Desktop app help user calculate math expression. [Link](#)

- Developed a desktop application using React, Typescript, Tailwind, and Electron to provide users with an easy-to-use math calculator that works on every kind of operating system.
- Designed and developed the user interface, ensuring that the app offers a smooth user experience, which helped me speed up learning many subjects like Statistics and Accounting.

TECHNICAL SKILLS AND INTERESTS

Frameworks: React, Express, FastAPI, Node.js

Tools: Vite, Next.js, React Native, GitLab, Electron, Git, GSAP, Redux, Docker, Nomad, Figma

Coding Languages: C, C++, Python, HTML, CSS, Javascript, Typescript, R, SQL

Soft Skills: Team Management, Event Planning

Coursework: Real-Time Chatroom, Mini Web Game, Full-Stack Social Platform, SFML Game

Areas of Interest: Blogging about Tech(received hundreds of visitors)

Languages: Mandarin(Native), English(Limited English Proficiency)