

You-Ming Yeh

Full-stack website development | Application development

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EDUCATION

•National Taiwan University

July 2021-Present

Information Management

GPA: 3.76

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

EXPERIENCE

•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.

•Chunghwa Telecom Laboratories

UI/UX, Frontend, Backend, SQL, Devops

Full Stack Developer(Part Time)

Jul. 2023 - Aug. 2023

- Developed a backend system independently within a month, capable of managing tens of thousands of data entries for over a hundred restaurants' reservation information.
- Self-learned and utilized various tools and frameworks within a week to align 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.

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

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

Frameworks: React, React Native, Express

NoSQL: MongoDB

Tools: Vite, Electron, Git, GSAP, Redux, Tailwind

Soft Skills: Team Management, Event Planning

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

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

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