

You-Ming Yeh

Full-stack website development | Application development

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EDUCATION

•National Taiwan University

July 2021-Present

Information Management

GPA: 3.66

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 development, API connecting, Problem setting

System Manager and Problem Creator

Jan. 2023-Present

- 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-solving techniques from Data Structure and Algorithm course to create a competition problem.

•NTUIM Orientation Camp

team management, effective teamwork

General Coordinator

January 2022-August 2022

- Coordinated a large-scale outdoor orientation camp involving over a hundred participants, cross-departmental collaboration, and a team of 40 workers within a tight timeline of six months.
- Led the team through intensive online meetings and navigated the challenges posed by the COVID-19 to successfully execute the event.
- Fostered effective teamwork among the workers and participants, resulting in a positive and engaging environment throughout the camp.

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 month by optimizing the efficacy.
- Incorporated animations using GSAP and implemented RWD to enhance the website's visual appeal and create an engaging user experience.

•BUJIO APP

Jan. 2023

A final Project of Web Programming. A full-stack social app. [Link](#)

- Developed a MERN full-stack social platform website within a month, using React, Redux, Express, Bcrypt, MongoDB, and OAuth.
- Led the development of the website, including designing the user interface, implementing the post writing and friend adding features, and optimizing the website for performance.

•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

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