

# You-Ming Yeh

Full-stack website development | Application development

✉ b10705052@ntu.edu.tw

✉ ym911216@gmail.com

Taoyuan, Taiwan

📱 YouMingYeh

📞 +886 976343024

## EDUCATION

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### •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

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### •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 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

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### •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.

### •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, which has been running online for months.
- 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

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**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)