

Harry Chen

🎓 B.E., Computer Science, [Tamkang University](#) 2017 - 2021



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Frontend Engineer, [Wits](#), Taiwan, New Taipei Dec 2022 - Present

Overwolf/TypeScript(React)

- Independently developed Overwolf app - ProClip, an application that automatically recognizes and records gaming highlights, making it easy to share on social platforms.
- Use React framework to develop the frontend architecture, integrated Overwolf SDKs, and managed state with React-Redux.
- I use Tailwind CSS framework for styling and use TypeScript standards throughout the entire architecture.
- Planned and implemented appropriate data structures for data storage and integrated APIs for social sharing functionalities.
- Since its release, ProClip has achieved 3,500 downloads, 250 daily active users, and has generated over 10,000 reach on its fan page. Currently planned to preload onto the company's own platform.

Software Engineer, [MiTAC](#), Taiwan, Taipei Jul 2020 - Dec 2022

Java/Spring MVC/JSP/MySQL

- Developed backend functionalities for a Foreign Exchange System using Java, Spring MVC, and MySQL. Additionally, I was involved in automated testing and stress testing using Apache Jmeter.
- Revamping an old system's functionalities and UI to improve efficiency.

SIDE PROJECTS

Personal Website

React/Tailwind/Typescript

Developed using the React framework, combined with Framer Motion to design animated elements, enhancing the visual appeal of the site.

COVID-19 Reporting System

Next.js /Tailwind/Typescript/MongoDB

Developed the front-end using the Next.js framework and implemented state management with React-Redux to successfully build a system that records the transport details and related information of

confirmed patients. The system can track the latest status of patients in real-time and integrates the login system using Next-auth to ensure data security and user convenience.

Employee Scheduling System

Next.js /Tailwind/Typescript/MySQL

Developed the backend interface using the Next.js framework with TypeScript, enhancing code readability and maintainability. Utilized MySQL as the database to ensure efficient data management and access, implementing CRUD (Create, Read, Update, Delete) functionalities for personnel and units to meet various user needs for scheduling management.

CMS System

Next.js/Tailwind/Typescript/MongoDB

Developed a content management system with authentication using Next.js and Next-Auth. Optimized data access and caching using React Query to enhance page response speed and user experience. Handled user input and form validation with React Hook Form. Designed a modern and responsive user interface with Shadcn/ui and Tailwind CSS, incorporating various animations with Framer Motion. Managed state with Zustand, simplifying application state handling and updates.

Event Registration Website

Next.js/Tailwind/Typescript/MongoDB/Resend

Developed the official event registration website using Next.js combined with Tailwind, Framer Motion, and React Hook Form to provide a user-friendly experience. Integrated the Resend third-party service to implement email functionality.

HOBBIES

In my spare time, I enjoy playing sports, hanging out with friends, going on trips, watching movies, and shopping.