

WEICHENG HUNG

Front-end Developer

PROFILE

I am an adaptable and logical individual with a strong problem-solving mindset. While I take time to familiarize myself with new environments, I quickly integrate into teams and build strong working relationships. I am passionate about technology, eager to learn, and approach both new and existing tools with an open mind to fully understand their context and value. My goal is to continuously improve my skills and contribute to high-quality projects, staying ahead of industry trends.

CONTACT

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EDUCATION

Master @ National Center
University

Graduate Institute of Industrial
Management
2013 - 2017

Bachelor @ National Changhua
University of Education

Department of Mathematics
2009 - 2013

RELEVANT SKILLS

Programming Languages

JavaScript (ES6), HTML, CSS, Python

Libraries & Frameworks

Vue, Node.js, React

EXPERIENCE

Frontend Developer @ President Information CORP.

October 2021 - Present

- **Frontend Lead of the AI Team:** Responsible for the backend and chat interface development. Initially assisted in project understanding while the interface was outsourced due to political factors. Provided examples and stacks for the chat interface, but the delivered code, particularly for the backend, was nearly unusable. To address this, I proposed and led a complete rewrite alongside the UX/UI designer within one month, resolving package EOL issues and ensuring successful deployment.
- **Frontend and Backend Interface for Smart Freezer:** This project is also related to the AI team. The freezer's camera captures the status of the products, and I implemented a socket.io server to display real-time order status on the freezer screen. The development and testing needed to be completed within three weeks, and we successfully conducted tests on-site.
- **Integration of Google Speak-to-Text for Voice Search:** Developed a voice search feature using Google Speak-to-Text and utilized the OpenAI API prompt to extract potential product keywords from the voice input for e-commerce search. This feature has not been launched yet and remains in the department's arsenal.

Part-time Frontend Engineer @ Gain Miles Technology Platform Limited

May 2023 - September 2023

- Official web site <https://www.gumhk.com/zh-HK> (Next.js, Typescript, MUI)
- App backend dashboard (Next.js, Typescript, MUI)

R&D Substitute @ National Taiwan University

August 2017 - June 2021

- **Development of Real-Time Inventory System:** Implemented using RFID tags with a stack that includes Vue.js, Vuetify.js, and Firebase. This was my first experience with rapid full-stack development.
- **High-Precision Six-Axis Robotic Arm Control:** Assisted the laboratory in conducting spraying and other experiments.
- **Freelance Programming:** Developed a web scraper for the Taiwan Stock Exchange and created a desktop application using Electron and Vue.

Co-Founder @ Anhe Three Dimensional Co.

August 2015 - July 2017

- Algorithm implementation with Java which is refer to [Zhang \(2015\)](#).
- Design human interface for inkjet 3D printer with Vaadin and Three.js.
- Construct internal system with Angular 2, Spring Boot Rest API and using MySQL as data source.