





# Shaine Tsou

Front-End Developer

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 Taichung City, Taiwan

## Skills

- **Languages:** JavaScript (ES6+), CSS3, HTML5, Sass, Python, SQL, GraphQL, TypeScript, C
- **Libraries & Frameworks:** React, Gatsby, styled-components, Node.js, Express
- **Tools:** Git, GitHub, Netlify, Heroku, Firebase, PostgreSQL
- **Others:** Responsive Web Design (RWD), Progressive Web Apps (PWA), Chrome DevTools

## Projects

### Featured Projects

- **CRWN Clothing** ([Demo](#) / [Source Code](#))
  - An e-commerce website built using React, Redux and styled-components
  - Implemented user authentication with Firebase and payments with [Stripe API](#)
- **Smart Brain** ([Demo](#) / [Source Code \[Front End\]](#) / [Source Code \[Back End\]](#))
  - A full-stack face detection app built using React, Redux, Node.js, Express and PostgreSQL
  - Implemented user authentication and integrated [Clarifai API](#) to detect faces in image
- **My Portfolio** ([Demo](#) / [Source Code](#))
  - A PWA built using React, Gatsby, GraphQL and Netlify following RWD and SEO principles

### Side Projects

- **Background Generator** ([Demo](#) / [Source Code](#))
  - A web app which generates CSS code of customized or random CSS gradient background
- **Quote Generator** ([Demo](#) / [Source Code](#))
  - A web app which generates random quotes that can be shared to Twitter
- **Pwned Password Checker** ([Source Code](#))
  - A Python password checker which checks whether the user's passwords have been breached
- **EasyRead Hacker News** ([Source Code](#))
  - A customized version of [Hacker News](#) using Python web scraping library, BeautifulSoup

## Experience

### Front End Developer

May 2020 - Present

- Built [3 featured projects \(web dev\)](#) and [10+ side projects \(web dev & python\)](#)
- Learned and solved [30+ data structures and algorithms questions](#)

### Sales and Marketing Assistant

Jul 2018 - Jul 2021

*Taiwan Seed Improvement and Propagation Stations*

*Taichung, Taiwan*

- Assisted in crafting marketing plans and improving SOP of quality management system
- Compiled historical document over the past 20 years into spreadsheet databases

## Education

### Zero To Mastery Academy, Software Engineering

2020 - Present

- **Courses:** [Data Structures + Algorithms](#), [React](#), [Web Development \(I & II\)](#), [Efficient Learning](#)

### National Chung Hsing University, Bachelor in Agronomy

2014 - 2018

- **Activities:** Chief of Equipment of Agronomy Student Organization

## Languages

Chinese (Native), English (TOEIC: 880)