# Shaine Tsou

## Front-End Developer

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## 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, Beautiful Soup

## Experience

**Front End Developer**                                        May 2020 - Present

- Built 3 featured projects (web dev) and 10+ side projects (web dev & python)
- Learned and solved 30+ types of 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- Compiled historical document over the past 20 years into spreadsheet databases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), Python

**National Chung Hsing University, Bachelor in Agronomy**      2014 - 2018

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

## Languages

**Chinese** (Native), **English** (TOEIC: 880)