






Pei Hsuan (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, Redux, 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

- **aiSee** ([Demo](#) / [Source Code \[Front End\]](#) / [Source Code \[Back End\]](#))
 - A full-stack color detection app built using React/Redux, CSS-in-JS, Node.js and PostgreSQL
 - Implemented user authentication and integrated [Clarifai API](#) to detect colors in an image
- **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](#)
- **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 for 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 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 5+ 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 SOPs of quality management system
- Compiled historical documents over the past 20 years into spreadsheet databases

Education

Zero To Mastery Academy, Software Engineering

2020 - Present

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

National Chung Hsing University, Bachelor in Agronomy

2014 - 2018

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

Languages

Chinese (Native), English (TOEIC: 880)