Pei Hsuan (Shaine), Tsou

Front-End Developer

🌐 shainetsou.space ⬛ ShaineTsou in shaine-tsou

✉ shaineagro06@gmail.com
📞 +886 979039849
📍 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, Beautiful Soup

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 Station   *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- Compiled historical documents over the past 20 years into spreadsheet databases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 - 2021

- **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)