

# Hao-Chung Jen

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## EDUCATION

### Scrimba (Online Bootcamp)

*The Frontend Developer Career Path*

2021 – 2023

### University of St Andrews

St Andrews, Scotland

*MSc Computing and Information Technology with Merit*

2019 – 2020

- Master's dissertation: Charles Dickens by Email

### National Taiwan University

Taipei, Taiwan

*MSc in Biochemical Sciences*

2015 – 2017

- Master's thesis: Study on the Escape of Rice Sub1A-1 from N-end Rule Pathway

### National Chung Hsing University

Taichung, Taiwan

*BSc in Biotechnology*

2011 – 2015

### Taipei Municipal Chien Kuo High School

Taipei, Taiwan

2008 – 2010

## SKILLS

- Primary Skills: React.js, JavaScript, HTML, CSS, CSS-in-JS, RWD
- Secondary Skills: PHP, SQL, Git

## DISSERTATION

### Charles Dickens by Email

- A website that readers can sign up and subscribe to any Dickens's novel and receiving instalments via emails so that they can read like Victorians.
- The frontend built on the components of Bootstrap v4.5, and customised with CSS.
- The PHP used for backend to realise the functionality, and connect the frontend to the relational database set up by MariaDB with SQL commands and the Linux server.
- Stacks: HTML, CSS, Bootstrap v4.5, PHP, SQL

## OTHER PROJECTS

### Tenzies

- A classic dice game in the web App format built with React.js using fundamental hooks like useState and useEffect.
- Stacks: React.js, JavaScript, CSS, RWD

### Taiwan Realtime Weather

- Fetching real-time weather data from Taiwan Open Weather Data platform to build a weather App covering all the cities and counties in Taiwan. The switch between the dark and light themes determined by the time of sunrise and sunset.
- Stacks: CSS-in-JS, JavaScript, API, React.js

### Quizzical - Pop Quiz Game

- A pop quiz game to examine the player's extensive knowledge.
- Stacks: CSS-in-JS, JavaScript, API, React.js

### **LANGUAGES**

Mandarin (native),

English (proficient, C1 CEFR, IELTS 7.5)