

## WEIHSUAN WONG

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### WORK EXPERIENCE

#### VISA, Austin, TX | Design Engineer

Aug 2021 - Present

- Rebuilt the Visa Digital Commerce App and showcased it to over 2,000 industry clients at the Visa Payments Forum.
- Integrated gesture accessibility into Tap to Phone, facilitating individuals with disabilities in entering tips and PINs.
- Conducted user testing with 12 visually impaired participants, implementing real-time adjustments to Tap to Phone prototypes for enhanced usability and accessibility, resulting in consistent positive feedback.
- Collaborated with VISA partners Equinox and PAX to develop a prototype app for testing VISA installments on terminal devices, optimizing the user experience, and guiding partners for implementation.
- Worked with the Crypto team to demo the tokenization platform to HSBC & Hang Seng Bank, fostering partnerships.

#### ASUS, Taipei, Taiwan | Front-End Developer

Jul 2020 - June 2021

- Contributed to an app with millions of users, enabling control of ROG and TUF gaming gear, including RGB lighting, power settings, and key assignments.
- Customized keyboard layouts for specific countries, meeting diverse user needs with engineering teams.
- Worked cross-functionally to launch new features for one detachable numpad mechanical and one wireless keyboard.

#### Advantech, Taipei, Taiwan | Front-End Intern

Jul 2019 - Aug 2019

- Utilized Grafana's visualization platform, AngularJS, and SVG.js in an Agile environment to design user-friendly panels for a water treatment management dashboard.
- Enhanced the visualization of time-series data for infrastructure and application analytics.
- Awarded Advantech's 2019 Summer Intern Excellence Prize for leadership and process enhancements.

#### Creatop, Taichung, Taiwan | Front-End Intern

June 2018 - Jul 2018

- Partnered with teams to redesign the furniture manufacturer's website employing SCSS and Bootstrap.

### EDUCATION

#### Stevens Institute of Technology, Hoboken, NJ

Aug 2018 - May 2020

Master of Science in Computer Science

#### Highline College, Des Moines, WA

June 2017 - June 2018

Certificate in Back-End & Front-End Website Development

#### National Kaohsiung Normal University, Kaohsiung, Taiwan

Sep 2012 - July 2016

Certificate in Back-End & Front-End Website Development

### PROJECTS

#### [English4TW](#) | Freelance Project

May 2021 - Present

- Launched a mobile English Learning platform using React Native, TypeScript, Redux, Redux-Saga, and React Query.
- Main features including word comparison, search, bookmarking, audio playback, sharing words, and note-taking.

#### [Legislator Election Official Website](#) | Hackathon | The F2E 5th

Nov 2023

- Building a candidate campaign website with accessibility, multilingual support, and responsive design using Next.js, ContextAPI, and TypeScript.

#### [Taiwan Travel Guide](#), [Taiwan Bike Guide](#), [Taiwan Bus Guide](#) | Hackathon | The F2E 3rd

Nov 2021

- Created platforms to assist visitors to collect information about restaurants, transportation and top attractions.
- Used Next.js, TypeScript, Context API, and Mapbox to create interactive maps for live bus tracking, cycling routes, real-time rental bike station information, as well as pinpointing tourist attractions and restaurants.

#### [PriCov](#) | School Project | Stevens Institute of Technology

Fall 2019

- Set up a platform to visualize price comparison to save users' time and money using React.js, D3.js, and Apollo.
- Mined live data with Python from an E-Commerce website, and structured a GraphQL server in Node.js and Express.

### SKILLS

- |                          |                          |                     |                               |
|--------------------------|--------------------------|---------------------|-------------------------------|
| • HTML, CSS, SCSS        | • Redux, Redux-Thunk,    | • React.js, Next.js | • Jest, React Testing Library |
| • JavaScript, TypeScript | Context API, React Query | • D3.js, SVG.js     | • Node.js, Express, NestJS,   |
| • Flutter, React Native  | • Angular                | • Mapbox, WebSocket | MongoDB, Mongoose             |