

Wei-Hsuan 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
- Built a dynamic real-time server dashboard for Visa using React.js, TypeScript, Context API, WebSocket, and interfacing with a robust RESTful API powered by Express.js, MongoDB, and Mongoose.
- Played a pivotal role in close collaboration with the Equinox team to craft an app tailored for Point of Sale terminals.
- Collaborated with the Crypto team to build a global tokenization demo platform for HSBC and Hang Seng Bank.
- Contributed to team discussions on React Router, WebSocket, React Query, Mapbox, and Mobile Accessibility

ASUS, Taipei, Taiwan | Front-End Developer

Jul 2020 - June 2021

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

Advantech, Taipei, Taiwan | Front-End Intern

Jul - 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 - 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 - June 2016

Bachelor of Science in Mathematics

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.

[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

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