

Andrew Wan

🌐 portfolio website

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EXPERIENCE

Asgard System, Inc.

Taipei, Taiwan

Software Engineer

Oct 2020 - Aug 2021

- Learned Vue.js within a month and designed and implemented various front-end components
- Contributed to an in-house UI library by creating reusable UI components that increased development efficiency by 30%
- Served as a bridge between frontend, ui/ux designers and backend developers
- Led the frontend aspect of a project for a client with over 200 users spanning multiple applications
- Added new API endpoints to improve UI experience and overall app functionality

Asgard System, Inc.

Taipei, Taiwan

Software Engineer Intern

June 2020 - Sep 2020

- Designed and implemented a feature-rich user interface using React and Redux to handle and display data
- Developed reusable functions and integrated them with existing Javascript libraries to streamline the frontend development process and decrease development time by over 40%

EDUCATION

University of California, San Diego

San Diego, CA

B.S. Nanoengineering , 3.62 GPA

June 2019

SKILLS

Programming Languages Javascript, HTML, CSS, Python

Technologies React, Vue, JQuery, Node.js, Express.js, Next.js, Django, Redux, Vuex, Git, Bootstrap, Tailwind CSS, Material UI, Vuetify

Spoken Languages English, Mandarin

PROJECTS

Password Vault [↗](#)

- Designed and implemented for people to easily and securely manage their passwords. Uses Django Rest Framework's Token Authentication.
- Front end built with Next.js, Tailwind CSS and Material UI
- Back end built with Django and SQLite

FoodPicker [↗](#)

- Designed and built for people who have trouble deciding what to eat. Showcases images and provides recipes of different dishes with the help of the Unsplash and Edamam API
- Front end built with React and Material UI
- Back end proxy built with Node.js and Express.js

Portfolio Website [↗](#)

- Built with Next.js, Tailwind CSS, Node.js, Express.js and MySQL