

魏恩廷 Tim Wei

My name is En-Tin, a frontend software engineer with 1.5+ years of experience in Rakuten Taiwan.

Primarily focused on implementing new e-commerce platform features, connecting transaction API, and leading to refactor legacy code while closely working with the foreign team.

As a side project, I worked as a key member in building a VR tour for tourists who visit National Taichung Theater by using KRPano and React. Meanwhile, I built an NPM library for front-end developers who need to use KRPano to build a web application with React.

Phone: 0988003190

Email: galadiya41@gmail.com

Github: <https://github.com/shinenic/resume>

LinkedIn: <https://www.linkedin.com/in/kadenz-wei/>

Education

- National Taipei University of Technology 2013 - 2017
Computer Science and Information Engineering

Experience

- Taiwan Rakuten 台灣樂天市場, Senior frontend software engineer, Nov 2019 ~ now
 - Handle API Data via Apollo GraphQL and build new page with React hooks
 - Work with foreign team and connect transaction API
 - Introduce new technique to improve development efficiency and development experience
 - Lead to refactor legacy code
- SYSTEX 精誠資訊, InternShip, Jul 2016 ~ Sep 2016
 - Analyze Electronic commerce platform UI/UX & business model

Skills

HTML & CSS

- Familiar with CSS, **BEM**, **CSS Module**
- Familiar with **RWD**
- Experienced in **SCSS**, **Styled-Component**
- Familiar with css library, Bootstrap

JavaScript

- Familiar with JavaScript
- Familiar with **ES6**
- Experienced in jQuery

React

- Familiar with **React**, **hooks**
- Familiar with **Redux**, **MiddleWare**
- Familiar with **Apollo GraphQL**
- Experienced in **SPA** with **React-Router**
- Experienced in **fetch API** with **Redux-Thunk** and **Redux-Promise**
- Experienced in **react-virtualized** and implement **pagination**

Other related

- Familiar with **Git** and **GitHub**
- Familiar with **GraphQL**
- Experienced in **Webpack**
- Experienced in **Babel** and **Gulp**
- Familiar with **KRPano**
- Familiar with **XState**

Test

Experienced in unit test by **Jest, Enzyme, React-testing-library**

Studying

- Express.js
- MondoDB
- Functional programming

Side Projects

Code, Features, Demo: <https://github.com/shinenic/resume>

National Taichung Theater VR Tour - 2021

<https://ntt360.weacloud.org> (for mobile)

A web application that provides user to visit National Taichung Theater via VR and get information about each floors.

Using KRPano(VR software)'s API to migrate React to implement SPA and build smooth UX flow with XState.

- React
- XState
- KRPano (VR)

React-Krpano-Hooks (Npm Library) - 2021

Npm: <https://www.npmjs.com/package/react-krpano-hooks>

Demo: <https://shinenic.github.io/react-krpano-hooks/#/>

A npm package migrates KRPano into React as a hook, KRPano is a software for showing all kind of panoramic images on the web, so this hook connects between React & KRPano's Javascript API to make developers use the KRPano more easily.

- React hooks
- Webpack
- Babel

Individual Common Components With State Machines - 2021

1. Toast Component(Codesandbox)

Handle multiple states (play, pause, active, dismissing and inactive) via XState to clarify which style should be applied.

2. Picture Carousel with Drag & Pinch Actions(Mobile-First)

A mobile-first and smooth carousel with drag & pinch-to-zoom feature in every single picture, use state machine to represent the flow and set buffer for each touch actions to improve UI/UX.

- React
- XState

Chinese Name Operator - 2019

Repo: <https://github.com/shinenic/strokes-operation-react>

A web application that provides user an interface to calculate the total strokes of Chinese characters for the use of name picking.

- React, Redux
- Styled-Component, RWD
- Implement Pagination

ZhuoZhe Quick Search - 2019

Demo: <https://shinenic.github.io/song-search-xstate-local/>

A web application that provides user friendly ways to search and to keep track of data from ZhuoZhe Music quickly.

- React, Redux, Redux-Thunk
- Styled-Component, RWD

- react-virtualized
- React-Router, SPA
- MongoDB, Express.js
- XState

• **ToDoList - 2019**

Repo: <https://github.com/shinenic/todo-list-for-test>

A simple to-do list web (Jest and Enzyme utilized) for unit test practicing.

- React, Redux
- SCSS
- unit test, Jest, Enzyme

• **NTUT Rental Site (Independent Study) - 2017**

A web application that provides a platform for users to exchange secondhand goods.

- ASP.NET
- jQuery, Bootstrap, RWD
- Socket.io