



江柏霖 Chiang, Po-Lin

Front-End Developer



Phone: (+886)-952-607-866

Email: polin.chiang1996@gmail.com

Summary

A programmer with a keen eye for design, a team player who is capable of working independently, and an architect who is passionate about creating innovative products.

Skills

Front-End Development

- Git, GitHub
- HTML5, CSS3
- JavaScript ES6
- Responsive Web Design

Frameworks

- React, React Hooks
- React Router
- Redux, Redux Thunk
- Styled Components

Third-Party Library Integration

- Firebase, Firestore, Hosting
- Google Analytics
- Pixi.js
- Three.js

Data Visualization

- Python
- NumPy, pandas, matplotlib
- Google Maps Platform

Graphic Design

- Adobe Photoshop
- Adobe Illustrator
- Adobe InDesign

3D Modeling and Rendering

- Rhino, Grasshopper
- Blender

Projects

Room

An online interior designing tool integrated with Drag & Drop Canvas and **stunning** 3D Rendering.

- Applying WebGL including Pixi.js & Three.js
- Designing page layout with React components
- Using React Router for navigation
- Connecting Redux for data management

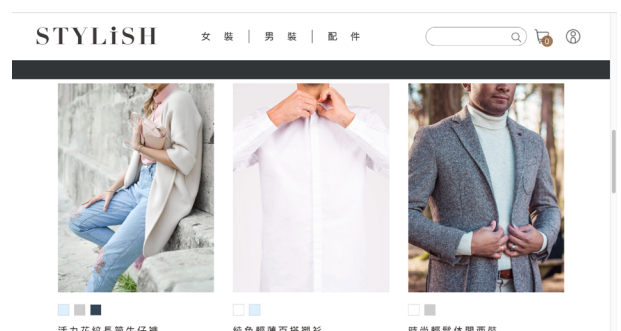


[Link](#) [GitHub](#)

STYLISH

An e-commerce website for the hottest outfits, providing user accounts integrated with Facebook SDK and payment gateway set up through TapPay.

- Using fetch API to get data from the server
- Using Google Analytics to track user activities
- Applying Search Engine Optimization



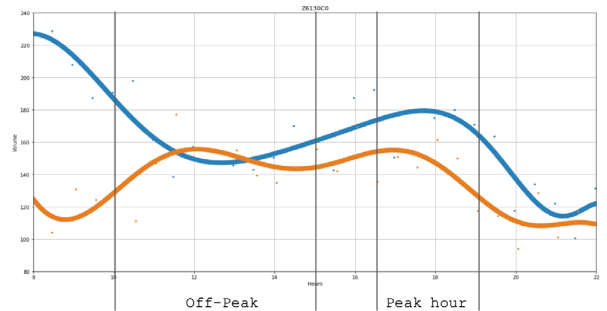
[Link](#) [GitHub](#)

Research

Self-Driving City & Parking Management

An urban research on parking space and traffic data presented with line graphs, spatial analysis and a smart city solution.

- Using pandas for data cleansing
- Using NumPy, matplotlib for data visualization
- Creating analysis with Google Maps Platform



[Link](#)

Experience

AppWorks School

Front-End Developer · MAR 2021 – JUL 2021

Worked with Back-End and iOS engineers on adding new features of an e-commerce website. Completed an SPA project with deep domain knowledge about interior design in one month.

Shu Chang & Associates, Architects

Architectural Design Intern · DEC 2019 – JAN 2020

Worked independently on a proposal of a student activity center design, and presented with architectural drawings and renderings including review of building regulations.

TMA Architects & Associates

Architectural Design Intern · JUL 2017 – AUG 2017

Worked with project manager and integrated with other department on a residential building project from developing plans and sections to completing detail drawings and models.

Education

National Cheng Kung University

B.S. in Architecture · SEP 2015 – JUN 2020

Developed skills in computational drawing, defining questions, setting up programs through various building projects and realizing concepts by drafting and rendering.

Algorithm · MAR 2020 – JUN 2020

Studied foundations of algorithms' analysis and design, sorting, dynamic programming, greedy algorithms, elementary graph algorithms and passed with a score of A+.

Introduction to Python Programming · MAR 2020 – JUN 2020

Participated in a game development team and build a desktop application with Pygame library.

National University of Singapore

Non Graduating Exchange Program · AUG 2019 – NOV 2019

Worked with students from different countries on planning investigation of an UNESCO world heritage, discussing preservation issues, and documenting with analysis and 3D models.