

# HAO-YI CHANG 張皓怡

## FRONT-END ENGINEER

Over 4 years experience on web development  
Focus on user experience and user interface  
Enjoy learning new knowledges and technologies

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## SKILLS

### Front-End

- HTML
- JavaScript
- CSS/SASS
- React/React Context
- jQuery
- Bootstrap

### Backend

- C#
- ASP.NET
- MS SQL

### Tools

- Git/GitHub
- Firebase
- Webpack
- ESLint
- Jest
- Postman
- Sketch/Photoshop

## EXPERIENCE

### ● AppWorks School | Front-End Trainee 2019.07 - 2019.10

- Equipped Front-end development experience with 75 hours per-week immersive training
- Developed the assigned project <STYLISH>(see portfolio) with shopping cart module, third-party payment, infinite scroll and member system
- Gained cross-platform collaboration experience with iOS, Android and Backend trainees via developing the additional features of the STYLISH project
- Designed and completed the personal project <Melody>(see portfolio) with note editor, audio player, sharing scores feature and member system
- Implemented the mini projects <To-Do List> and <Puzzle Game> with React/React Router (see portfolio).

### ● e-SOFT | Software Engineer 2015.09 - 2019.04

- Held a 3-week Front-end training plan for technical junior engineers
- Reconstructed the Front-end architecture of an out of date system
- Collaborated with Backend sponsors to standardize API format
- Equipped handling cross-browser compatibility issues via maintaining the system
- Designed the UI/UX with Mockplus and Sketch, created multi-language version with i18n and organized the flow and database schema
- Developed features and dashboard for the IP Resource Management System (Dr.IP) with ASP.NET/C#/MS SQL/EChart.js

## EDUCATION

- **National Taipei University of Nursing and Health Science** 2013 - 2015  
**Department of Information Management**
  - Maintained a health care system with ASP.NET Web Form/VB/MS SQL
  - Developed the Tuberculosis Patients' Medication Reporting System
  - Completed master thesis, "A Study of Developing an Innovation Long-Term Care System Using Web Application."
- **Ming Chuan University** 2009 - 2013  
**Department of Healthcare Information and Management**

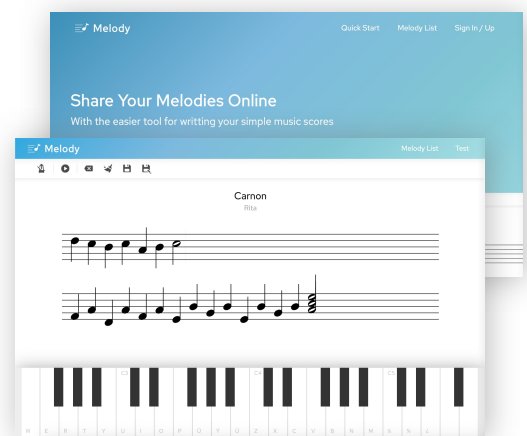
## PROFOLIO

### Melody

#### An Online Music Notation Editor

- Link** <http://melody.haoyichang.com>  
**GitHub** <https://github.com/paradise0917/drawing-note>

- Supported RWD for better user experiences
- Implemented with React/React Hooks
- Used React Context for global state management
- Created Single Page Application by React Router
- Applied Web Audio API for playing audio smoothly
- Applied Firebase Authentication for login
- Bundled modules with Webpack
- Built note editor by SVG

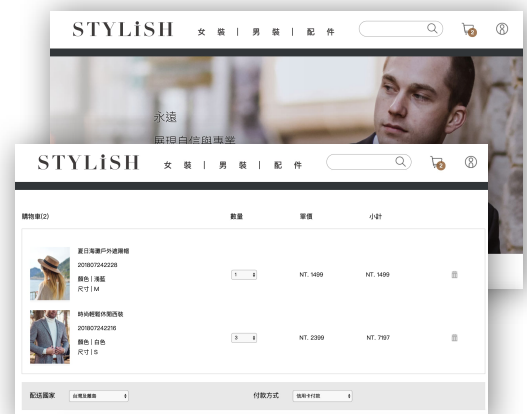


### STYLISH

#### An E-Commerce Shopping Website

- Link** <http://stylish.haoyichang.com>  
**GitHub** <https://github.com/paradise0917/stylish>

- Completed slide effect, infinite scroll and pop-up dialog without libraries
- Supported RWD for better user experiences
- Connected to backend API by AJAX
- Implemented shopping cart via LocalStorage
- Integrated TapPay SDK for credit card payment
- Supported member system with Facebook Login



### Puzzle Game

#### Mini project with React/React Router

- Link** <http://puzzlegame.haoyichang.com>  
**GitHub** <https://github.com/paradise0917/PuzzleGame>

### To-do List

#### Mini project with React/React Router

- Link** <http://todolist.haoyichang.com>  
**GitHub** <https://github.com/paradise0917/ToDoList>