

Samuel Yu

Portfolio

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SKILLS

- ReactJS, JavaScript, CSS, HTML, Redux, jQuery, d3.js, Handlebars, Bootstrap, Materialize, Responsive Web Design Node.js, ExpressJS, Firebase, MySQL/Sequelize, MongoDB/Mongoose, AJAX, Fetch/Axios, PassportJS

SELECT PROJECTS

Sales Catalog - Full-stack web application that allows users to browse on-sale items from different brands

- Automated web scraping using **CheerioJS** and stored data in database
- Designed and developed UI with **ReactJS**, **Bootstrap**, and **UIKit**

APP@rent - Full-stack web application for parents to form an online community and share information

- Led front-end development by creating wireframes and designing modular architecture for UI
- Designed database schema and their respective APIs using **MySQL**, **Sequelize**, **NodeJS**, and **ExpressJS** in order to support profiles creation/update and posting/commenting features
- Integrated ChatKit API to support real-time chat room features between users

CodePal - Full-stack web application for developers with similar interests to connect

- Built front-end interface with **Handlebars.js**, integrated with a server-side **MySQL** database and utilized a **Sequelize.js** object-relational mapping to make querying more efficient
- Built user authentication function to application using **PassportJS**
- Reviewed other team member's code on github before merging individual's work to master branch which decreased bug released to the project by 20%

Train Scheduler - Full-stack web application that simulate train scheduling with real-time update

- Designed database structure and stored train scheduling data in **Firebase** database
- Parsed and calculated time data using **Moment.js** to be reflected on train schedules
- Built form validation and submission function using **jQuery** for HTML manipulation, event handling, and **Ajax**

WORK EXPERIENCE

Genentech Inc. Case Manager/Provider Support

Sep 2017 - Current

- **Automated data entry process** using TextExpander and **javascript** to reduce referrals turnaround time by 15%
- Collaborated in a team environment to provide supports to doctor's office in therapy enrollment process
- Worked closely with IT team and provided feedbacks to enhance user experience on data analytics and **data visualization** tools

EDUCATION

University of California, Berkeley Extension

Feb 2019 - May 2019

Full Stack Web Development

University of California, Davis

2013 -2017

Bachelor of Science in Pharmaceutical Chemistry

OTHER

Languages - English(Fluent), Chinese Cantonese (Fluent), Chinese Mandarin (Fluent)