

# Samuel Yu

## Portfolio

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### SKILLS

- ReactJS, JavaScript, CSS/SCSS, 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

**Covid-19 Data Visualizer** - *Web Application that uses Graphical Representation to shows Covid-19 data in the United States*

- Mapped out Covid-19 data in the United States using **D3.js**
- Designed and developed UI with **ReactJS** 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

**InnitData** Front-End Engineer

Aug 2020 - Current

- Translated design team's UX wireframes and mockups into responsive, interactive features, using **HTML, CSS, and Javascript**
- Worked with agile team to migrate legacy company website to **ReactJS**
- Created custom **ReactJS** components for internal framework

**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)