

Christine Ma

Software Engineer



ChristineMa.engineer
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github.com/chm294



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Experienced

Javascript
React
React-Router
NodeJS
Axios
Algolia
Firebase
Express
SQL
Sequelize
Webpack
Babel

Familiar

Angular
Postgres
MongoDB
Mongoose
Mocha
After Effects
Illustrator

Education

Advanced Software
Engineering Immersive
Program | Hack Reactor | 2017

BA Art History, Minor
Architecture and Urban Design
| NYU | '12 - '16

Personal

I love cooking, digital
design, fiddling with 2-D
animation, and learning
about painting
conservation!

Deployed Applications

Mustr.

Full Stack Software Engineer | <https://mustr-94d83.firebaseio.com/>

A social-oriented book loan, trade, and purchasing application that simulates the experience of a library; created with 3 other engineers

- Leveraged Firebase's backend services such as Open Authorization and real-time database to live-update mustr's instant messaging and trading features
- Architected horizontal scalability by creating an Algolia database that listens for Firebase updates to optimize search querying time and functionality
- Features aim to personalize user experience. Users can follow and unfollow others, like and unlike categories of books, and customize their profile page. An easy-to-use archival interface allows user to sort through items, collections, and categories by dragging from one compartment to another.

JobCRM

Full Stack Software Engineer

A lightweight job search & application tracking software; created with 3 other engineers

- Used React with Axios to bridge front-end to server data submission process, and React-Router to achieve optimal single-page front-end routing
- Leveraged Express to cleanly communicate with server endpoints
- Implemented a model layer with Sequelize ORM to make interacting with Postgres database much more streamlined

Personal Site

Full Stack Software Engineer | christine-ma.com

My personal resume, portfolio, and blog application; solo project

- Lightweight single-page web application built with React and React-Router

Professional Experience

Steven Myron Holl Foundation

Operations | 2017

- Wrote grant applications and helped launch a number of new projects, such as redesigning SMHF's website, and kickstarting a new Architectural Fellowship Program

Foundation for Contemporary Arts

Grants Intern | 2016

- Wrote grant applications and helped launch a number of new projects, such as redesigning SMHF's website (Tspacerhinebeck.org) and kickstarting a new Architectural Fellowship Program

The FLAG Art Foundation

Intern | 2015 - 2016

- Assisted with installation and public programming of 6 exhibitions, ranging up to 58 artists at a time