

# Christine Ma

## Full Stack Software Engineer



ChristineMa.engineer@gmail.com



github.com/chm294



2764 Carol Road  
Union, NJ  
07083



linkedin.com/in/christinehema



(415)-966-5946

### Experienced

Javascript (ES6)  
React  
React-Router  
NodeJS  
Axios  
Algolia  
Firebase  
Express  
SQL  
Sequelize  
Webpack  
Babel

### Familiar

Angular  
Postgres  
MongoDB  
Mongoose  
After Effects  
Illustrator

### Education

Advanced Software  
Engineering Immersive |  
Hack Reactor | '17

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

### Personal

When I'm not busy coding, I  
enjoy fiddling with 2-D  
animation, digital design,  
and learning about painting  
conservation!

### Deployed Applications

#### mustr.

Full Stack Software Engineer | [mustr-94d83.firebaseio.com](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

Front End Software Engineer | <http://www.jobserum.com>

*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](http://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 ( [Tspacerhinebeck.org](http://Tspacerhinebeck.org) ), and kickstarting a new Architectural Fellowship Program

#### Foundation for Contemporary Arts

Operations | 2016

- Prepared and delivered presentation of annual grant nominees to the Founder and Board

#### The FLAG Art Foundation

Intern | 2015 - 2016

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