

abbyzhangca@gmail.com  
617-680-2762  
San Diego, CA

# Abby B. Zhang

<https://github.com/AbbyBiying>  
<http://www.biyingzhang.com>

## SKILLS

Programming languages: JavaScript, ES6/TypeScript, Ruby, Python 3

Database: PostgreSQL, MySQL, MongoDB, Neo4j

Visualization and mapping libraries: D3.js, Highcharts JS, Google Maps, Mapbox

Framework: Angular 7, Angular Material 2, Angular Flex Layout, Vue.js, Vuex, Rails, Sinatra, Flask, jQuery

Amazon Web Services (AWS): S3, Aurora, Elastic Beanstalk

Web: HTML5, CSS3, Sass, LESS, Flexbox, Postman

## SIDE PROJECTS

### [ABZEXCHANGE](#)

[backend app](#) TDD, BDD, built with Ruby on Rails, FactoryBot, RSpec, Capybara and Cucumber, deployed on Heroku

[frontend app](#) Built with Angular 6, in progress

[Biying Zhang Site](#) Built with Angular 7, deployed on AWS S3 [[code](#)]

## EMPLOYMENT

### Software Developer

[Sosolimited](#)

11/2018 - 3/2019

- Developed web app, the Dial Style creative garment maker app for MSFT's Make Style Happen ad campaign, using webpack, node.js, MongoDB, Vue.js, Vuex and D3.js, designed to run on Heroku. <https://dial.style/surface>
- Designed and developed offline app, Qualcomm-Envelope-Tracking, data visualization for 2019 Mobile World Congress, using Vue.js, Vue CLI 3, Vuex and D3.js, designed to run on Heroku.

### Software Developer & Project Manager

[Fulfillment Express](#)

5/2018 - 9/2018

- Collaborate with CEO to define and develop innovative solutions for our large-scale logistic softwares
- Develop new features from design, to wireframe and storyboards, to coding/implementation; using Angular 6, MySQL, Spring Boot, Workbench, with consistency across all browsers and platforms
- Refactor code to establish and promote design guidelines, best practices, and standards
- Plan, organize and execute software development tasks and help other developers maximize their contributions
- Manage changes to the project scope and project schedule; Create and maintain up-to-date project documentation

### Software Engineer

[Tradelegs LLC](#)

12/2015 - 7/2016

- Designed and developed alternative dark theme for the UI, a coherent vision encompassing the entire app, from research, wireframe to pixel perfect and fully functioning across browsers, ensuring stakeholder goals
- Collaborated with CTO to build Dashboard app, linked to the main app, featuring tables using Angular UI Grid
- Bug-fixed legacy code, creatively solved design problems, and improved application performance
- Built new features using highcharts, integrating backend data sources

**Full Stack Developer**[Open Assembly](#)

1/2015 - 12/2015

- Designed layout and executed front end specifications, using Angular and responsive design
- Troubleshoot and debugged applications, analyzed user feedback and activity, code refactoring and code maintenance improving sites both in development and production
- Designed and implemented landing page showcasing company's abstractions, successfully driving traffic and reducing bounce rate, including video and image editing

**Participant**[Metis](#)

9/2014 - 11/2014

- Learned best practices and approaches from [Thoughtbot](#), including refactoring and design patterns

**EDUCATION****Master of Fine Arts****Tufts University**

2008 - 2011

**Bachelor of Fine Arts****Central Academy of Fine Arts**

2004 - 2008