

Software Developer (Contractor) Software Developer (Contractor) Software Developer San Diego, CA My curiosity has led me into the fields of art, design, technology and culture, currently having fun in building software with Serverless and Angular. AWS Lambda, API Gateway, Cognito, RDS, S3, Aurora, Route 53, Elastic Beanstalk Python 3, JavaScript, ES6/TypeScript, Ruby PostgreSQL, MySQL, MongoDB, Neo4j Rails, Angular 7, Vue.js, Flask, Sinatra, jQuery D3.js, Google Maps, Mapbox HTML5, CSS3, Sass, LESS, Flexbox, Postman, Jupyter Notebook Adobe Photoshop, Illustrator, Final Cut Pro, After Effects, Pro Tools Side Projects: ABZEXCHANGE Backend app: [https://github.com/AbbyBiying/ABZ\\_EXCHANGE](https://github.com/AbbyBiying/ABZ_EXCHANGE) Built with Ruby on Rails, FactoryBot, RSpec, Capybara and Cucumber, deployed on Heroku Frontend app: <https://github.com/AbbyBiying/ABZ> Built with Angular 7, Angular Material 2, Angular Flex-Layout Biying Zhang Site <https://github.com/AbbyBiying/biying-art> Built with Angular 7, Angular Material 2, deployed on AWS S3

Work Experience Software Developer (Contractor) SOURCE MOLECULAR CORPORATION - San Diego, CA April 2019 to Present Build new modules for main application with AWS Lambda, API Gateway, Cognito, Python 3 and Angular 6 Automation Testing and Debugging with Postman console Modify, implement, and maintain an existing application to established specifications and approved changes Implement Responsive Web Design with Flexbox and CSS3 media queries. Test across operating systems, browsers, and devices, using xcode Simulator, browserstack, ensures end product is user friendly and relevant

Software Developer (Contractor) Sosolimited - San Diego, CA November 2018 to March 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 (Contractor) Fulfillment Express - Commerce, CA May 2018 to September 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 - New York, NY December 2015 to July 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 - New York, NY January 2015 to December 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 - New York, NY September 2014 to November 2014      Participated in Metis intensive 12-week web development bootcamp (<http://www.thisismetis.com/ruby-on-rails>)      Built projects using Ruby on Rails and JavaScript for group and personal projects, practiced performance refactoring and design patterns      Learned best practices from senior engineers at Thoughtbot, a top Ruby on Rails consulting shop      Education Master of Fine Arts in Fine Arts Tufts University 2008 to 2011 Bachelor of Fine Arts in Fine Arts Central Academy of Fine Arts 2004 to 2008      Skills python (1 year), Javascript (3 years), RUBY (2 years), Node.js (1 year), d3.js (1 year), rails (2 years), SQL (3 years), Git, MySQL, TypeScript (2 years), Mapbox (1 year), Angular 7 (2 years), Vue.js (1 year), AWS Lambda (1 year), API Gateway (1 year), Cognito (1 year), Flexbox (1 year), Postman (1 year), CSS, HTML 5, web-crawling (1 year)      Links <https://github.com/AbbyBiying> <http://www.biyingzhang.com>

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