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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

• Rapidly developed software prototypes and simulations to present to clients, project includes the Dial Style creative garment maker app for MSFT's Make Style Happen ad campaign, high traffic website, using node.js, MongoDB, Vue.js, Vuex and D3.js, running on Heroku. https://dial.style/surface
• Created data-driven and content-rich graphics offline app, Qualcomm-Envelope-Tracking, data visualization for 2019 Mobile World Congress, using D3.js, Vue.js, Vue CLI 3, Vuex and Electron

Software Developer & **Project Manager**	**Fulfillment Express**	5/2018 - 9/2018

• Collaborated with CEO to define and develop innovative solutions for the large-scale logistic softwares, determined needs and pain points
• Developed new features from design, to wireframe and storyboards, to implementation; using Angular 6, MySQL, Spring Boot, Workbench, Angular Flex-Layout with consistency across all browsers and platforms
• Refactored code to establish and promote design guidelines, best practices, and standards
• Planed, organized and executed software development tasks and help other developers maximize contributions
• Managed changes to the project scope and project schedule; Created and maintained up-to-date 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
• Worked 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
• Gain rapid familiarity with new languages and libraries on a per-project basis

Full Stack Developer   **Open Assembly**   1/2015 - 12/2015

• Designed layout and executed front end specifications, using Angular.js and responsive design with Bootstrap
• Troubleshot and debugged applications, analyzed user feedback and activity, code refactoring and code maintenance improving sites both in development and production
• Visualized memory usage over time with Timeline recordings and identified detached DOM trees with Heap Snapshots with Chrome and DevTools
• 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