Jorge **Suárez**

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>LANGUAGES AND TECHNOLOGIES

- **Proficient:** JavaScript (ES6), ReactJS, Redux, AngularJS, Node.js, Express, HTML5, CSS3, Sass, SQL, MySQL, PostgreSQL, MongoDB, Mongoose, Git, AWS (EC2, S3, DynamoDB), Mocha, Chai, Grunt, Gulp, jQuery
- **Exposure:** Ruby on Rails, Backbone.js, D3.js, Heroku, Redis, Webpack, AWS (Elastic Beanstalk)

>PROFESSIONAL EXPERIENCE

Oomami | Front End Software Engineer | San Francisco, CA   2016 - 2016

- Engineered web-based version of Oomami's iOS platform utilizing JavaScript, AngularJS, and Sass, greatly improving SEO visibility of company which generated 650% user base increase.
- Developed Oomami's administrative tool with ReactJS and Redux, saving ~10 weekly hours weekly in backend engineering time by allowing our operations team to directly edit restaurant, user and flagged post data.
- Constructed infinite loading cascading grid to display user posts using custom AngularJS directive, solving scrolling performance glitch by implementing hardware accelerated CSS.
- Optimized page load speeds by 400% through implementing lazy loading for images in posts with AngularJS.
- Architected RESTful API using Node.js and Express with DynamoDB to persist user contacts, designed to send push notifications to existing users after new app signups, growing user re-engagement by 20%.
- Refactored Node.js and Express job server which handled push notifications, caching and automated emails, reducing codebase by 40% to improve email sending, code maintainability and site reliability.

ALVA Lighting | Project Manager | Berkeley, CA   2014 - 2015

- Managed ALVA's full website redesign process, defining aspects of user experience and site flow, leading team of 3 developers and designers, and maintaining the platform using JavaScript, HTML5 and CSS3.
- Implemented production planning, inventory, and order processing systems; facilitated a 500% sales growth, and helped ALVA grow into a multi-million dollar company.
- Served as liaison to 25+ sales representative agencies, overseeing commissions and maintaining relationships.

>RECENT PROJECTS

Quilt.ly | Software Engineer | code   2017 - Present

Widget application with a variety of tools such as a roman numeral converter and a weather forecast graph.

- Created reusable ReactJS components that ease building of new widgets using Redux to track the state.
- Built D3.js graph to represent weather forecast using the OpenWeatherMap API for weather data.

Jorchata | Software Engineer | live | code   2016 - Present

Secure communications platform users can create a room and share the password to communicate via websockets.

- Minimized HTTP requests to Node.js server by 66% through implementing decoupled SPA architecture using JavaScript, ReactJS and Redux for frontend routing.
- Incorporated Socket.IO to track active chat rooms, message events, and user conversation attendance, deploying platform to AWS EC2 instance.
- Enabled secure authentication mechanism with BCrypt encoding using MySQL to store login credentials.

Drop the Needle | Software Engineer | live | code   2015 - 2015

Musical knowledge quiz game where music from spotify playlist plays and the user has to guess artist before timer ends.

- Programmed quiz timer and playlist track queue that reviews answers and tracks quiz score with AngularJS.
- Integrated Spotify API in Node.js for quiz data, maintaining user quiz scores in NoSQL MongoDB database.

>EDUCATION

B.Mus. Piano Performance and Pedagogy, *State University of New York at Fredonia*   2012

>LEADERSHIP + AWARDS

Matthew V. Lucas Piano Scholarship for Artistic Merit, *State University of New York at Fredonia*   2010 - 2012