

Joanne Xin

[GitHub](#)[LinkedIn](#)[Portfolio](#)

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Specialties

Javascript • React/Redux • React Native • JSX • Angular • Node • Express • MySQL • jQuery • HTML/CSS • Bootstrap • Handlebars • D3 • Ruby • Python • Backbone • MongoDB/Mongoose • Grunt/Gulp • Webpack • Heroku • DigitalOcean • AWS • Agile Scrum

Projects

soundBear | Full Stack Engineer (React/Redux, Node, MySQL)

[Live](#) | [GitHub](#)

soundBear is a voice activated music player

- Completed UI/UX design and its single-page implementation with Bootstrap to ensure smooth user experience
- Utilized React/Redux to streamline functionalities for rendering and manipulating data from voice activated inputs, controlling audio player with queuing, accepting multiple voice commands by integrating Annyang voice library
- Used D3 visualization along with AnyChart for front end data display and MySQL for backend data storage

Rumble | Full Stack Engineer (OOP, Canvas, Phaser, Node)

[Live](#) | [GitHub](#)

Turn based strategy game

- Used object-oriented Javascript and inheritance for code coherence
- Rendered the game in web browser using Canvas and Phaser.js

Bakpak | Full Stack Engineer (Angular, Node, MySQL)

[Live](#) | [GitHub](#)

Bakpak is a versatile travel and event managing web/mobile app

- Employed various APIs to display places of interest to app user via AngularJS front end and Express.js back end
- Refactored existing codebase to increase readability and modularization and improve page speed by 10%

Myksr | Full Stack Engineer (Angular, Node, MySQL)

[GitHub](#)

Myksr is a social networking web app for Bay Area tech students

- Implemented custom authentication using Passport.js
- Utilized MySQL and Express.js to handle RESTful requests
- Leveraged AngularJS to craft the front end for the peer comments and rating system
- Utilized Bootstrap to implement the page layout, form styling, and overall UX on the application

Experience

Delta Dental | Customer Experience (CX)

2017 - now

Software Engineer

- Created a node-based search service using Express and Handlebars templating
- Built APIs supporting accessibility and limited client support (No JS on client side)
- Established Node Clustering to build scalable network applications to take advantages of multi-core systems
- Created a reusable backend framework for use with Search microservice
- Implemented asynchronous operations using Promises with ES6 syntax
- Implemented ESLint linting tool for syntax checking, and Jasmine 2.0 for unit testing
- Manipulated data on node from Solr database based on business requirements
- Implemented UI templates from the design team for use on the Node.js service
- Increased search performance by express caching on Apache server, uglify/minify static files by Gulp tasks
- Designed and implemented bookmarkable URIs for better customer experience
- Led the team for production releases, owned and managed all the releases on Git
- Acted as a principal engineer to communicate with external stakeholders and external teams
- Owned www.deltadentalins.com/find-a-dentist/alpha/ Node application and it is in production across all 50 states

Sunshine Dental Care, Inc

2011 - 2016

Dental Insurance Coordinator

- Acted as a liaison between patients, doctors, and insurance companies to ensure smooth and satisfying experience for all parties, contributing to obtaining a total of 10,000 patients at one clinic location
- Promoted to team lead, trained and managed work streams for employees to efficiently hit daily deadlines

Education

Hack Reactor | Advanced Software Engineering Immersive Program

2016 - 2016

