

San Jose, CA
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Jason Xu

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LANGUAGES AND TECHNOLOGIES

Proficient: Ruby, Rails, Sinatra, JavaScript, ReactJS, AngularJS, Ionic, jQuery, WebRTC, Node.js, Express, AJAX, MySQL, PostgreSQL, Git, HTML5, CSS3, Bootstrap, Heroku, Bash, Markdown

Exposure: Python, Java, Handlebars, Materialize MongoDB, Jade, Wordpress, Amazon S3, LaTeX, Firebase

RECENT PROJECTS

Speakalong | Full-Stack Engineer | <http://speakalong.herokuapp.com/> 2015

Platform for individuals to improve their public speaking through practicing online alongside video tutorials

- Created video search component using ReactJS with autocomplete feature for users to find existing videos
- Utilized WebRTC to broadcast video feed to create user interface for main practice session feature
- Integrated YouTube's API embed video inline with streamed feed from user's webcam
- Designed the navigation bar, custom forms, and UI/UX of entire app using Templated.co stylesheets
- Architected schema for PostgreSQL database to associate uploaded videos with specific user comments

Team Codex | Full-Stack Engineer | <http://teamcodex.herokuapp.com/> 2015

System designed for software engineers to learn from code on Github repositories through custom study plans

- Implemented APIs for Sendgrid and Twilio to automate SMS messaging and emailing of study plans to users
- Wrote custom templating engine to pull from Github API and render returned JSON with Handlebars
- Engineered Rails controller logic to partition and display Github study plans based upon user specifications
- Built Materialize UI components to adhere to material design patterns to create a mobile responsive UX

Travel with Ryne | Full-Stack Engineer | <http://travelwithryne.com> 2015

Instagram for travel: photo and video sharing for travelers, integrating emotion, geolocation, and chat features

- Allowed for travelers to upload photos and videos to their accounts using Amazon S3 and jQuery
- Protected user submitted forms against CSRF attacks by checking validity of security tokens using Rails
- Developed the UI elements, UX, and front page of the application using HTML5, Bootstrap and CSS3

27 Percenters | Front-End Engineer | <http://bit.ly/27percenters> 2015

Tool for philanthropists to contribute to children in poverty and to track their monetary donations

- Maintained Firebase backend to store and update database objects for user payments and child profiles
- Used Ionic to create child profile pages and menu navigation bar and to allow for hybrid mobile experience
- Deployed the application using Appetize.io simulator to test production code on different mobile devices

EMPLOYMENT HISTORY

Management Trainee | Hertz Rent-a-car | San Jose, CA 2014 - 2014

- Generated additional \$3220/month in optional service income through implementing six-step process

Community Manager | Terasem Movement Inc. | Melbourne Beach, FL 2013 - 2014

- Used HTML and CSS to maintain organizational websites, and uploaded membership data to Joomla CMS

EDUCATION

University of California, Riverside, *B.A Business Administration & Marketing* 2012