

Winston Zhao

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Projects

Lead Full Stack Developer – Upword (React, Redux, Node, Express)

[Live](#) • [Github](#)

Chrome Extension to live-swap words while typing in Gmail

- Built synonyms API with Express which supports 5,000 commonly used words separated by parts of speech and definitions
- Utilized vanilla JS to live-swap currently selected word with synonym from React component and refocus back into content-editable div
- Spearheaded effort to move from React to Vanilla JS to make app 1000% smaller

Lead Full Stack Developer – forChore (React.js, Rails, Redux)

[Live](#) • [Github](#)

Single page RESTful application to organize and assign chores in groups

- Optimized Groups API by automating Rails controllers and models
- Developed business logic to display dynamic error messages with React state
- Utilized nested AJAX calls for leaving groups by first fetching the grouping and in the success callback, perform a delete request on the user-groups join table
- Created consistent UI across application by integrating Material Design library

Lead Developer – Return Gnome! (jQuery, JavaScript)

[Live](#) • [Github](#)

JavaScript game that teaches CSS Flex and Transform properties

- Provided the page instantaneous feedback with jQuery to inject CSS from user input
- Maintained game progress by taking advantage of browser local storage

Skills

HTML & CSS | JavaScript | jQuery | React.js | Redux | Git
| Ruby | Ruby on Rails | SQL | Node | Express | MongoDB |

Education

AppAcademy

[Sep 2016 - Dec 2016](#)

1000-hour full-stack web development bootcamp with < 3% acceptance rate

University Of California, Los Angeles, CA

[Sep 2012 - Jun 2016](#)

B.S. in Chemical Engineering

Courses: Intro to CS, Linear Algebra, Multivariable Calculus, Differential Equations

Work Experience

Supply Chain Intern – Ducommun Inc.

[Apr 2016 - Sep 2016](#)

- Created VBA scripts to improve data analysis for supply chain management
- Reduced \$500,000 of supply expense through Excel analysis of supplier bid data