

KEVIN YANG

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SKILLS

JavaScript
React
Redux
Ruby
Rails
React Native
RSpec
TDD
jQuery
SQL
PostgreSQL
MySQL
MVC
Git
HTML5
CSS3
AWS Certified (2016)

EDUCATION

App Academy

Software Development

Rigorous 1000-hour software development course with a less than 3% acceptance rate

MAY 2017 - AUGUST 2017

The University of Texas at Dallas

Bachelor of Science, Information Technology and Systems

MAY 2016 - DECEMBER 2016

PROJECTS

KitchenFox - *JavaScript, React Native, Redux, Node.js, MongoDB* | [Live](#) ● [Github](#)

Kitchen inventory mobile app that suggests recipes based on ingredients users have

- Led front-end development by creating original UI wireframe designs for others to follow and reference. Divided styling work and guided other teammates how to style layouts using Flexbox and React Native's StyleSheet APIs. Taught the team how mobile routing and screen navigation works in React Navigation.
- Created focus groups to test and gather UI/UX feedback from users, incorporated feedback into new design iterations to re-test and implement.
- Collaborated with three other engineers to plan, prototype, and build a fully functional iOS and Android app within a week using a Git workflow.

Privy - *React and Redux, Rails, PostgreSQL* | [Live](#) ● [Github](#)

Single page, full-stack web application that allows users to publish an anonymous diary

- Ensured user authentication from frontend and backend (via BCrypt) to prevent unauthorized users from editing, creating, or destroying another user's posts.
- Built backend model associations between users, posts, comments, and followers in Rails allowing users to write diary entries, follow other user's diaries, and reflect on their own diary entries.
- Designed original UI from wireframes using HTML5 and CSS3 and utilized SASS mixins to keep component styling in one place.

CREATE - *JavaScript, SVG* | [Live](#) ● [Github](#)

Type a story or poem and see those words visualized into shapes and colors on a canvas

- Utilized JavaScript event handlers to dynamically respond to user's keyboard input
- Created a hash-like function to take in groups of character input to output deterministic shape properties such as size, color, position, and opacity
- Generated and displayed new SVG shapes using vanilla DOM manipulation without the use of jQuery or any other external JavaScript libraries.

WORK EXPERIENCE

Information Technology Specialist - *Strateq Health*

JANUARY 2016 - MARCH 2017

- Managed and secured AWS infrastructure for dev and production environments: created IAM policies and users, tightened Security Groups, setup CloudTrail.
- Analyzed overhead AWS costs and potential cost cutting solutions; helped save startup \$23,300+/year, approx. 23% savings in server costs.
- Managed and enforced regulatory documentation and rules as required by HIPAA safeguards.
- Implemented new communication tools for teams after gathering requirements, cross-evaluating features, and presenting findings. Result: consolidated customer issue tracking helped dev teams prioritize work on issues and new features.