Jonathon **Lin**

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PROJECTS

foodsy.xyz (Rails, ReactJS, Flux) | *Sole Developer*   live | github
Designed a single page web application for users to buy and sell homemade meals
- Uses custom queries to find all reviews for a given product and simultaneously calculates average user rating
- Implements CSS3 Flexbox Layout module to create an app that is both fluid and responsive
- Integrates react-modal and react-autosuggest libraries to create elegant modals and intelligent search suggestions.

Koch Snowflake (Javascript, HTML5 Canvas) | *Front-end Engineer*   live | github
A site that allows users to view and play with a koch snowflake
- Utilizes setTimeout() to create the illusion of the snowflake being drawn
- Edits innerHTML of DOM Elements to update properties including area and perimeter of the koch snowflake

Baffle (Javascript, HTML, CSS) | *Front-end Engineer*   live | github
Javascript game inspired by Hasbro's Boggle
- Creates modals and 3D buttons with CSS for a more interactive game
- Utilizes a hash to increase the time efficiency of the scoring function

SKILLS   **Ruby, Rails, Javascript, jQuery, HTML, CSS, SQL, git, TDD, OOP, React, Flux**

EXPERIENCE

Swim Instructor - *Saratoga Star Aquatics (March - May 2016)*
- Taught a wide variety of age groups ranging from children age 3 to adults 40+
- Awarded "Employee of the Month" award in April for performance and customer satisfaction
- Moved 2-3 students to the next level of the swimming program per week

Engineering Intern - *Industrial Technology Research Institute (June - August 2014)*
- Headed the design of a harvesting device for a robotic strawberry collector
- Utilized CAD to produce models and engineering drawings
- Translated manufacturing procedures from Chinese to English for efficiency and standardization

EDUCATION   **Web Development** - *App Academy (May - July 2016)*
- Rigorous web development course covering Rails, Ruby, and Javascript

BS Mechanical Engineering - *Carnegie Mellon University (August 2011 - May 2015)*