

# Jonathon Lin

3963 Via Cristobal • Campbell, CA • 95008

CELL (408) 688 - 7231 • E-MAIL [jonathonlin93@yahoo.com](mailto:jonathonlin93@yahoo.com)

GITHUB [jonathol](#) • LINKEDIN [jonathon-lin-52005a71](#) • PORTFOLIO [jonathonlin.com](#)

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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 setTimeout() to create a clock that counts down, pauses, and resumes when unpaused

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## SKILLS

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

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## 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

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## 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)

