



CONTACT

✉ jonathonlin93@yahoo.com

☎ (408) 688-7231

🌐 www.jonathonlin.com

🏠 3963 Via Cristobal,
Campbell, CA 95008

EDUCATION

BACHELOR OF SCIENCE: MECHANICAL ENGINEERING

2015
Carnegie Mellon University
Pittsburgh, PA

LANGUAGES

English
Mandarin

LINKS

🔗 jonathol

🌐 jonathol

JONATHON LIN

Software Engineer

SKILLS

- Rails, Javascript, jQuery, HTML, CSS, PostgreSQL, git, React, Node.js

PROJECTS

FOODSY.XYZ (RAILS, REACT, JAVASCRIPT, FLUX)

[LIVE](#) | [GITHUB](#)

Designed a single page web application for users to buy and sell homemade meals

- Developed a average review calculator that takes custom queries using active record to simultaneously find and calculates average user rating
- Implemented CSS3 Flexbox Layout module to create an app that is both fluid and responsive
- Integrated react-modal and react-autosuggest libraries to create elegant modals and intelligent search suggestions.

BAFFLE (JAVASCRIPT, HTML, CSS)

[LIVE](#) | [GITHUB](#)

Javascript game inspired by Hasbro's Boggle

- Created a modal and 3D looking buttons with CSS for a more visually appealing game
- Utilized setInterval to create a clock that not only counts down but also pauses
- Used javascript's hashmap like object to increase the speed of word lookup time

KOCH SNOWFLAKE (JAVASCRIPT, HTML5 CANVAS)

[LIVE](#) | [GITHUB](#)

A site that allows users to view and interact with a koch snowflake

- Utilized setTimeout and Math.random to show the snowflake being drawn with different colors
- Edited innerHTML of DOM Elements with native javascript to update properties including area perimeter
- Developed a way to speed up the drawing process with javascript's hashmap like object by ignoring lines that have already been drawn

EXPERIENCE

ENGINEERING INTERN

Industrial Technology Research Institute | 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