JONATHON LIN

Software Engineer

CONTACT

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EDUCATION

BACHELOR OF SCIENCE: MECHANICAL ENGINEERING

2015
Carnegie Mellon University
Pittsburgh, PA

LANGUAGES

English
Mandarin

LINKS

○ jonathol

in jonathol

PROJECTS

FOODSY.XYZ (RAILS, REACT, JAVASCRIPT, FLUX)
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)
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)
Javascript game inspired by Hasbro's Boggle
● Creates modals and 3D buttons with CSS for a more interactive game
● Utilizes setInterval to create a clock that counts down

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

SKILLS

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