Weyman Fung

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Projects

Roly Polly | http://roly-polly.herokuapp.com

A polling app allowing polls to be created and voted on. Real time updates. Frontend contains Javascript, AJAX, and Backbone. Custom CSS, and pie charts made with D3.js library. Backend made in Ruby and Rails. The app utilizes PostgreSQL for the database. Twilio API was implemented to allow users to respond to polls via text messaging. Pusher API was used for live updates through web sockets.

Asteroids | Asteroids

A classic asteroid game made completely using Javascript. Visualization was made entirely with HTML5 canvas. Utilizes extensive object oriented programming. Calculates direction, velocity, and collisions of all objects using algebraic coordinate systems.

Checkers | github.com/weymanf/checkers_ruby

The game of checkers made in Ruby Code. Features object oriented programming. Many validation checks for possible moves. A node-like BFS structure to determine if a multiple jump of a piece is allowed.

Education

University of California, Davis | Davis, CA   Sept. 2009 – June 2013

B.S in Pharmaceutical Chemistry

    Related Courses:

+ **Intro to Computer Science.** Basic problem solving using Python.
+ **Programming and Problem Solving.** Intensive Work using the basic language C/C++

App Academy | San Francisco, CA   Jan 2014 – April 2014

    12 week intensive course on full stack web development.

Languages and Technologies

+ Ruby, Rails, Javascript, SQL, C (learning), Python (learning)
+ HTML, CSS, Backbone, JQuery, Git, TDD, Rspec

Special Skills and Activities: Been a waiter since 16, decent with Photoshop, proficient in Cantonese, plays basketball,