Chiao-Wen Lin (Leah)

Website: www.chiaowenlin.com
Email: leah.cwlin@gmail.com
Location: New York
Phone: 310-699-2481
GitHub LinkedIn

PROJECTS

Mumblr (Rails, Backbone.js)   Live GitHub

A blog web app inspired by tumblr and built on Rails and Backbone
- ❖ Utilize complex composite views to reduce garbage collection
- ❖ Reuse views with different styling in different interfaces to DRY up codes
- ❖ Build a user friendly interactive interface with responsive design

Asteroids (JavaScript, HTML5 Canvas)   Link GitHub

A browser-based shooting game written primary with JavaScript and jQuery
- ❖ Apply class inheritance for DRY, maintainable code
- ❖ Implement physics dynamics for collisions and movements
- ❖ Wrote in concise logic and descriptive code

Rails-Lite (Ruby)   GitHub

A server side framework inspired by the functionality of Ruby on Rails writted in Ruby
- ❖ Leverage Ruby's extensive metaprogramming and reflexive to create a base interface enable the communication between MVC.

SKILLS

Ruby Ruby on Rails JavaScript Backbone jQuery HTML5
CSS PostgreSQL RSpec TDD MatLab R

EDUCATION

App Academy   2015

Full-stack web development course with an acceptance rate below than 5%

University of California, Los Angeles   2013-2014

Master of Science in Mechanical and Aerospace Engineering
- ❖ Programming relevant coursework: Graphs and Network Flows, Network Coding Theory and Application, Linear Programming

EXPERIENCE

Bronx Center for Science and Mathematics   Feb.-May 2015

Volunteer Robotics Programmer, Arduino
Help to facilitate the system programming of the DFRobotShop Rover V2 – Arduino Compatible Tracked robot for school project in robotic club.