Chiao-Wen Lin (Leah)

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GitHub LinkedIn

PROJECTS

Mumblr (Rails, Backbone.js) **Live GitHub**

A blogging web app inspired by tumblr

- Utilizes nested composite views to improve garbage collection
- Reuses views, partials and mixins to DRY up code
- Installs optimal event listeners to provide dynamic update of current page
- Includes user-friendly interactive interface with responsive design

Snake (JavaScript, jQuery CSS) **Live GitHub**

A browser-based classic snake game

- Applies jQuery to handle user input and manage DOM elements' styling
- Designs snake and apple with pure CSS

Rails-Lite (Ruby) **GitHub**

A server side framework inspired by the functionality of Ruby on Rails

- Leverages Ruby's extensive metaprogramming to create a interface enabling the communication between MVC

SKILLS

Ruby Ruby on Rails JavaScript Backbone Node.js jQuery HTML5
CSS SQL PostgreSQL RSpec TDD MatLab R

EDUCATION

App Academy 2015

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

- Developed communication skills as well as teamwork through intensive pair programming

University of California, Los Angeles 2013-2014

Master of Science in Mechanical and Aerospace Engineering

- Relevant coursework: Linear Algebra and Matrix Analysis, Graphs and Network Flows, Network Coding Theory and Application, Linear Programming

National Taiwan University 2009-2012

Bachelor of Science in Mechanical Engineering

- Honors & Awards: 2010 and 2011 Presidential Award for Distinguished Academic Performance

EXPERIENCE

Bronx Center for Science and Mathematics Feb.-May 2015

Volunteer Robotics Programmer, Arduino

- Facilitated the system programming of the DFRobotShop Rover V2 – Arduino Compatible Tracked robot for school robotics club