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
- DRYs code with concise views, partials and mixins
- Provides real time updates by using event listeners
- Maintains code quality with critical test spec

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

A browser-based classic snake game

- Object-oriented design keeps structure clean and ties functionality to individual game components
- 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 focused on RESTful web development

SKILLS

JavaScript Backbone Ruby Ruby on Rails CSS jQuery HTML5 CSS
SQL PostgreSQL AJAX RSpec TDD RESTful API AWS MatLab R

EDUCATION

App Academy 2015

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

- Intensive 12-week course with strong emphasis on code quality, effective professional design patterns, and pair programming

University of California, Los Angeles 2013-2014

Master of Science in Mechanical and Aerospace Engineering, GPA: 3.55

- 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, Cumulative GPA: 3.74; Last 60 GPA: 4.00

- 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

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