Ling Sarah Rosenstein

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Portfolio   LinkedIn   Github Authorized to work in the USA

Projects

I_Love_DIY (Ruby on Rails, Backbone)   **Live | Github**

Platform for DIY enthusiasts to share creative experiences, inspired by Instructables.
- Custom authentication using BCrypt overrides User#password= method to encrypt password.
- Lightweight photo carousel implemented by toggling element classes
- Uses custom route to upvote posts via Ajax requests

MyChat (Node.js, jQuery)   **Live | Github**

Multi-room chat application built on a Node server using the Socket.io library.
- Leverages sockets to enable real-time online chatting.
- Uses custom events on the client side to streamline the user experience, including changing nicknames and switching rooms.
- Uses jQuery animations to keep the user at the bottom of the chat window.
- Implements private chat by emitting messages to specific sockets.

StarTrek (Javascript)   **Live | Github**

Classic Asteroids game rebuilt for the browser.
- Built with HTML5's Canvas.
- Custom trigonometric functions to calculate object velocities.

For more projects, please visit my portfolio site

Skills

Ruby, Ruby on Rails, Javascript, jQuery, Backbone.js, PostgreSQL, Node.js, Git, HTML, CSS, Python, C

Education

MA, Sociology	University of Virginia, VA	2006-2007

- *Admitted as a PhD Candidate with fellowship.*
- *Coursework included: Intermediate Statistics*

MA, English Literature	Fujian Normal University, China	2001-2004
BA, International Business	Jiangxi University of Finance and Economics, China	1995-1999

- *Coursework included: Calculus, Probability and Mathematical Statistic*

Additional Coursework

Ongoing Math and CS studies via MOOCs. Completed Coursera's Algorithms and Linear Algebra courses (100% score in both), MIT OpenCourseWare's Discrete Mathematics courses.

Experience

Web Developer | Guzman & Company, FL   **Jan 2015**
- Implemented dynamic tags to allow users to flexibly organize, schedule and update transactions.
- Built dynamic calendar from scratch using CSS and jQuery to automatically update current date.

Reporter | SingTao News Corporation, NY   **2007 - 2014**
- Collected, translated, and reported over 10,000 American national news articles for a preeminent Chinese newspaper distributed in over 100 cities worldwide.
- Edited articles submitted by reporters from Chicago, Philadelphia, Washington D.C., and Boston, and managed publication arrangement.