Ling Sarah Rosenstein

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Authorized to work in the USA
Portfolio | LinkedIn | Github

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, C, Python

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 Statistics

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

Freelance 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 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.