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PROJECTS

digiSFere.io | Github - Web platform to discover and share Bay Area opportunities in the software industry. Inspired by DigitalNYC, built using a Backbone.js front-end consuming a Rails-based RESTful API. Integrates dynamic search querying, Google Maps API with unique styling, and custom jQuery plugins.

RubyMVC | Github - Simple web application framework written in Ruby and inspired by Ruby on Rails. Implements the MVC software pattern using meta-programming to build an object relational mapping of a SQL database.

Ruby Chess | Github - Two-player chess written in Ruby using class inheritance and polymorphism to implement different piece behavior. Move-prediction highlights all possible moves for the current player's selected piece.

SKILLS

Front End: JavaScript, HTML5, CSS, jQuery, Backbone, Sass, Bootstrap
Back End: Ruby, Rails, SQL, AJAX, Git, RSpec, Jasmine
Other: SysOps/DevOps, Arduino, RasPI, Android, embedded Linux, JTAG

EDUCATION

App Academy
San Francisco, CA | April 2015 - July 2015
- Immersive, full-stack web-development course, less than 5% acceptance rate

Lewis & Clark College
Portland, OR | August 2005 - May 2010
B.S. Mathematical & Computer Sciences
- Awarded 1 of 2 Barbara Hirschi-Neely Scholarships, the highest merit award at L&C (full tuition and fees)
- Courses: Cryptography/Number Theory, Bioinformatics, Assembly Language, Artificial Intelligence

EXPERIENCE

Founder - DJComputer Consulting
Portland, OR | September 2008 - April 2015 | IT Specialist
- Selected as IT Supervisor during the developmental phase of Washington and Oregon's WaMu to Chase Bank conversion project. Directed hardware and software rollout at two branches and streamlined the deployment protocol for future West Coast rollouts.
- Optimized custom Linux kernel for embedded platform controller prototype for Sheldon Labs chemical incubator. Integrated Real Time Application Interface (3.1) to meet specified time constraints using parallel I/O with analog oscillators.
- Deployed over 1,500 PCs in the Vancouver Public School District. Used JAMF and ZENworks to deploy Mac and Windows environments, respectively. Hired and managed team of 4 technicians.
- Department of Defense Secret clearance obtained for multiple government contracts including a network administrator role in the offices of Oregon state Senators Jeff Merkley and Ron Wyden, and Washington state Senator Patty Murray.
- Recruited by Nike to provide expert witness testimony as wireless network security analyst