

DAVID JAMES CARTER

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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](#) - Chess written in Ruby; two-player command line interface, uses arrow keys to select pieces, highlights all valid moves for a selected piece.

SKILLS

Front End: JavaScript, HTML5, CSS, jQuery, Backbone, Sass, Bootstrap

Back End: Ruby, Rails, SQL, AJAX, Git, RSpec, AWS, Java, C, Assembly Language

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. Oversaw hardware and software deployment of two branch rollouts and streamlined the deployment protocol for future 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.
- Oversaw software and hardware deployment of 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.
- Top-secret Department of Defense 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.
- Provided expert witness testimony as wireless security analyst