DAVID JAMES CARTER

PROJECTS

DIGISFERE.IO – JULY 2015

Discover and share Bay Area resources in the software industry. Designed and built using Backbone.js, Ruby, and Ruby on Rails. Features an asynchronous, single page app design with dynamic search querying, unique Google Maps styling, and a customized composite view class written in Backbone.

CRAPPYBIRD – JULY 2015

Tribute to the legendary Flappy Bird game, written in JavaScript using HTML5 canvas. All original graphics created in Adobe Photoshop and Illustrator.

RUBYMVC PAINT – JULY 2015

Simple paint app using jQuery. Served by my own web application framework inspired by Ruby on Rails. It was written using Ruby, implements the Model-View-Controller software pattern and renders embedded Ruby templates, parses and serves custom routes, nested parameters, flash/cookies, and constructs an ORM of a PostgreSQL RDBMS using meta-programming.

CHESS – JUNE 2015

Chess tutorial: two-player format with command-line GUI. Written in Ruby, uses class inheritance and polymorphism to implement piece behavior, highlights all possible moves for a selected piece of the current player.

SKILLS

Front End: JavaScript, HTML5, CSS3, jQuery, d3, Angular, Backbone, Sass, Bootstrap
Back End: Ruby, Ruby on Rails, SQL, AJAX, Git, RSpec, Jasmine
Other: Sys/DevOps, Arduino, RasPI, Android/Embedded Linux, JTAG

EDUCATION

LEWIS AND CLARK COLLEGE, PORTLAND, OR – 2010

B.S. in Mathematical and Computer Sciences

- Awarded 1 of up to 5 Barbara Hirschi-Neely Scholarships - Full-tuition and fees, merit-based
- Courses: Cryptography/Number Theory, Bioinformatics, Assembly Language, Artificial Intelligence

APP ACADEMY, SAN FRANCISCO, CA – 2015

12 Week, immersive full-stack web development program

- highly selective: less than 5% acceptance rate and 20% attrition rate
- emphasizes industry best-practices, pair programming, test driven development

EXPERIENCE

DJCOMPUTER IT CONSULTING, FOUNDER, PORTLAND, OR – 2008-2015

- 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 regional rollouts.
- Deployed over 1,500 PCs in the Vancouver Public School District. Used JAMF and ZENworks to deploy Mac and Windows environments. Selected 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