

DAVID JAMES CARTER

EXPERIENCE

FULL STACK ENGINEER, SAN FRANCISCO, CA – 2015

- Contracted by virtual concierge startup with over 5 million users
- Implemented features all along the tech stack - Ruby on Rails, CoffeeScript, Angular, HAML, PostgreSQL
- Worked remotely on SCRUM team, performed code reviews and refactoring, wrote unit and integration tests (increased test coverage from 70% to over 95%), created mockups, UML diagrams for new features and modules, implemented A/B and multivariate testing

DJCOMPUTER IT CONSULTING, FOUNDER, PORTLAND, OR – 2008-2016

- IT Supervisor during 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 rollouts in the region.
- Deployed over 1,500 PCs in the Vancouver Public School District. Used JAMF Casper Suite and Novell ZENworks to deploy and provision Mac and Windows environments.
- Selected by Nike legal team to provide expert witness testimony as wireless network security analyst
- Obtained Secret clearance from Department of Defense for work with the TSA and in Oregon and Washington state senators' offices
- Solicited by Multnomah County Sheriff Department to perform JTAG data recovery and digital forensics on smartphones and digital media

PROJECTS

DIGISFERE.IO

Discover and share Bay Area resources in the software industry - [Live](#) | [GitHub](#)

- Full stack, single-page web application featuring front end built using Backbone.js with PostgreSQL and Rails API on the backend. Designed and built over the course of about 10 days.
- Features full text search, custom Backbone composite/nested views, customized Google Maps

RUBYMVC PAINT

Simple Paint application running on my own full stack MVC web application framework - [Live](#) | [GitHub](#)

- Dynamic user interface with custom color generation and brush-stroke, built in JavaScript using jQuery
- Web application framework inspired by Rails, implements Model-View-Controller software pattern
- Creates ORM of SQL DB, binds data with and renders ERB templates, serves custom routes, parses nested parameters, stores cookies/flash

CRAPPYBIRD

Tribute to the legendary Flappy Bird - [Live](#) | [GitHub](#)

- Written in JavaScript and HTML5, cross-browser support, polyfills, and optimizations
- All original graphics created using Adobe Photoshop and Illustrator

SKILLS

Front End: JavaScript, HTML5, CSS3, jQuery, d3, Angular, React, JSX, Backbone, Sass, Bootstrap

Back End: Ruby, Ruby on Rails, Python, Django, Node, SQL, Cassandra, Sidekiq, Redis, Sphinx, Elasticsearch, AJAX, Git, RSpec, Jasmine, Capybara

Hardware: Arduino, RasPi, Android/Embedded Linux, JTAG

EDUCATION

LEWIS AND CLARK COLLEGE, PORTLAND, OR – 2010

B.S. in Mathematical & Computer Sciences

- Awarded 1 of 5 Barbara Hirschi-Neely Scholarships - merit-based, full tuition and fees
- Courses: Cryptography, Number Theory, Bioinformatics, Assembly Language