DAVID JAMES CARTER

EXPERIENCE

FULL STACK ENGINEER, SAN FRANCISCO, CA – 2015

- Contracted by virtual concierge startup with over 5 million users
- Worked remotely on SCRUM team, implemented new features all along the stack, performed code reviews and refactoring, increased test coverage from 70% to over 95%, created mockups, UML, A/B tests and analysis

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

- Served as IT Supervisor during an early 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 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.
- 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 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

APP ACADEMY, SAN FRANCISCO, CA – 2015
12 Week, profession full stack web development training

- Highly selective: less than 3% acceptance rate
- Emphasizes industry best-practices, pair programming, test driven development