
PROGRAMMING SKILLS

Skills are listed in order of proficiency; I am open to using languages and tools not listed below

Frontend: HTML5, CSS3, jQuery, SASS/SCSS, Chart, Highcharts, React, D3

Backend: Ruby, JavaScript, RESTful routes, Node, Python, Shell/Bash Scripting

Databases: MongoDB, PostgreSQL, Oracle, SQL Server, SQLite3, MySQL, Access

Frameworks: Rails, Express

Testing: RSpec, Rails Test Unit, Capybara (Selenium), Jasmine

PROJECTS

Legislative – Team Lead, Back End Developer

Dec 2015

- Legislative is a web application that visualizes upcoming bills in congress using the sunlight foundation API
- Used MongoDB, Express, Node, Highcharts, RESTful routes, multiple API calls, and deployed to Heroku

JokesHit – Full Stack Developer

- JokesHit is a web application that sends jokes to your friends via text message
- Used Sinatra, Bootstrap, RESTful routes, Twilio API, and deployed to Heroku using a custom domain

General Services Agency Digital Innovation Hackathon – 1st Place Team

May 2015

- Identified drivers for tenant satisfaction and predictors for operating cost for GSA buildings
- Created mobile Android app, heat map, and visualized regression analysis showing cost of each building

HACK UVA – Mentor

March 2015

- Presented the Lean Startup methodology at The University of Virginia 2nd annual hackathon
- Mentored students on pitching their final product to the judges

EDUCATION

Dev Bootcamp – Full Stack Web Development

August 2015 - December 2015

- 19-week full-time training program specializing in Ruby on Rails, HTML5, CSS3, TDD, Object Oriented Programming (Ruby/JavaScript), AJAX, jQuery, Git Version Control, Heroku, and Agile Development.

University of Virginia – B.S. Systems and Information Engineering

Class of 2013

- THESIS – Data Integration in the Albermarle-Charlottesville Regional Jail

PROFESSIONAL EXPERIENCE

Ventura Corporation

July 2013 – July 2015

Data Developer

Ventura is an IT/management consulting firm, servicing both government and commercial clients. Below are the various clients and corresponding applications that I have worked on

Department of Homeland Security - Student and Exchange Visitor Program

- PL/SQL and Business Intelligence reports developer

Defense Logistics Agency - Case Adjudication Tracking System

- Application DBA, ETL, and Business Intelligence reports developer
- Designed data migration for tables with over 1M records in production

US Department of Agriculture - Food and Nutrition Services

- T-SQL and Business Intelligence reports developer

AT&T - Product Life Cycle Management

- Applied statistics and regression models to project future product order life cycles