NATHAN M. PARK

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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

Ventera Corporation   July 2013 – July 2015
Data Engineer

Ventera 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