

NATHAN M. PARK

Full Stack Engineer

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<http://www.nathanmpark.com>
<https://github.com/nathanmpark>

PROGRAMMING SKILLS

Languages: Ruby, JavaScript, Python, HTML5, CSS3, Shell, Bash

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

Frameworks/Libraries: Rails, Express.js, Node.js, jQuery, React.js, D3.js, Chart.js, Highcharts.js

PROJECTS & HACKATHONS

Legislative – Team Lead

Dec 2015

- Legislative, a web application that visualizes upcoming bills hitting the congressional House and Senate floor using MongoDB, Express.js, and Highcharts.js.

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, Rails, HTML5, CSS3, Test Driven Development, Object Oriented JavaScript (AJAX, jQuery), Git, Source 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: A Systems Engineering Approach to Support Evidence-Based Decisions

PROFESSIONAL EXPERIENCE

Ventera Corporation

July 2013 – July 2015

Data Developer

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 Tableau reports developer
- Designed five student demographics dashboards showing country of origin, and supporting database views

Defense Logistics Agency - Case Adjudication Tracking System

- Designed data migration for tables with over 1M records in production as ETL developer
- Created 20 adjudication reports, four executive dashboards, and database views as reports developer

US Department of Agriculture - Food and Nutrition Services

- Designed and developed database objects (triggers, procedures, functions, packages)
- Created 10 new SSRS reports and enhance existing reports

AT&T - Product Life Cycle Management

- Evaluated statistical significance of legacy system migration to Oracle supported database
- Applied statistics and regression models to project future product order life cycles.

NONPROFIT EXPERIENCE

Cellospeak, Inc.

May 2014 – Present

Secretary of the Board of Directors

- Cellospeak provides education and ensemble performance opportunities for adult amateur cellists