

Nathan Park

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PROGRAMMING SKILLS

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

Tools: SVN, Git, Atlassian, Oracle Data Modeler, Erwin Data Modeler, Toad

Statistical Analysis: R, Minitab, Excel (Data Analysis Toolkit, @Risk)

Business Analytics: Tableau, Pentaho BI Stack, Microsoft BI Stack

Languages: SQL, Ruby, Python, VBA, PHP, Javascript

PROFESSIONAL EXPERIENCE

Ventura Corporation

Data Developer

July 2013 – Present

Department of Homeland Security - Student and Exchange Visitor Program

- PL/SQL developer and Tableau report developer
- Develop functions, triggers, and stored procedures using agile methodology
- Design user login reports, student and exchange visitor demographics dashboards, and backend database views
- Active public trust & top secret clearance

Defense Logistics Agency - Case Adjudication Tracking System

- Application DBA, ETL developer, and reports designer
- Developed database schemas, user roles, permissions, synonyms, and database objects
- Designed data migration transformations, documentation, and testing scripts used in production environment
- Presented 20 new user reports for tracking adjudication progress, 4 executive level dashboards, and supporting database views
- Designed database model, data dictionary, ddl, test data insert scripts, and seed data load scripts for development team
- Coded Java classes referenced by database changes
- Led daily change control board regarding production issues, database changes, and requirements changes

US Department of Agriculture - Food and Nutrition Services

- T-SQL and reports developer involved in database structure design for future enhancements and defect fixes
- Designed and developed database objects (triggers, procedures, functions, packages)
- Created new reports and enhance existing reports
- Designed database model, data dictionary, and design documentation.

AT&T - Product Life Cycle Management

- Evaluated the statistical significance of time saved by transferring from legacy systems to an Oracle supported database
- Evaluated statistical significance and streamlined legacy system migration to Oracle supported database
- Applied statistics and linear models to project future product order life cycles.

EDUCATION

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

Class of 2013

THESIS PROJECT - Data Integration in the Albermarle-Charlottesville Regional Jail: A Systems Engineering Approach to Support Evidence-Based Decisions

R PROJECTS - Analysis of Rail Accidents in the United States from 2001 to 2011; Detecting Spam Mail using Text Analysis; Design Improvements for the University of Virginia Transplant Center

HOBBIES & HACKS

GSA Digital Innovation Hackathon – 1st Place Team, Designed and delivered a data science solution on drivers for tenant satisfaction and ties to operating cost.

HACK UVA – Mentor, Presented the Lean Startup methodology at The University of Virginia Hackathon and mentored hackers on pitching their final product to the judges

NONPROFIT/LEADERSHIP EXPERIENCE

Cellospeak, Inc.

Secretary of the Board of Directors

May 2014 – Present

Cellospeak provides education and ensemble performance opportunities for adult amateur cellists. Signature programs include one-week summer workshops at Bryn Mawr College, led by world-class faculty, which offer private lessons, master classes, coached quartets, and performance in an all-cello choir. Participants are of all ages and levels, and hail from all parts of the United States.