

Jason D. Hanna

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Relevant skills

- Programming Languages: R, Python, SQL
- Software/Databases: Tableau, Linux Command-line, ArcGIS, PostgreSQL, SQLite

Experience

Data Scientist

Mar 2018 - current

NGA/Office of Strategic Operations, Springfield, VA

- Compiled and cleaned, using Python and R, a dataset of 1 billion features for three-year timespan of NGA production metrics. Visualized data and reported findings from analysis using Tableau and Plotly to Director/NGA and Office of the Director of National Intelligence.
- Trained more than 50 other analysts across the IC on configuration of data science environment on JWICS systems in-person and through a variety of online collaborative tools (IC-Connect, R-Space, I-Space, chat rooms and messenger apps).
- Requested by name to compile data analysis infrastructure requirements for Associate Director/Capabilities, a new-hire software baseline, and the Open-Source Software Security Working Group.
- Recognized as a go-to resource for data science tool configuration throughout the Intelligence Community.
- Documented, managed, and provided recommendations for analytic software provisioning for division of 30 analysts.

Imagery Analyst

Jan 2010 - Mar 2018

NGA, Springfield, VA

Scout-Sniper

Dec 2006 - Dec 2009

United States Marine Corps, Kaneohe Bay, Hawaii

Education

M.Sc.

Expected 2019

Program of Study in Data Science, University of Missouri

- Classes completed:
 - Introduction to Data Science, Python Programming Boot Camp, Database Basics & SQL Boot Camp, Introductory Statistics for Data Analytics, R Statistical Programming Boot Camp

B.A Sociology, *cum laude*

2002 - 2004

Western Michigan University

Home Computing

- Run PostgreSQL Server, RStudio Server, and Shiny Server in local Linux VM running on Hyper-V, used those tools with Python-Scrapy to webscrape election data from archives.gov, clean data, load into SQL Server and serve data visualization from the SQL server on the Shiny Server.
- Installed and maintained Pi-Hole DNS adblocker and MediaWiki on headless Raspberry Pi