Jeff Calderon

Data Scientist and IT Specialist

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SUMMARY

Skilled and innovative computing professional with extensive experience in scripting and validating software solutions. Also skilled in software development, mustache templates, and automating workflow optimizing initiatives to realize operational efficiencies. Detail-oriented and self-motivated professional adept at translating complex technical requirements into robust solutions. Demonstrates a strong propensity for quick learning, with a track record of applying technical skills to solve complex problems. Seeking challenging data analysis role to leverage my knowledge of scripting, APIs, SQL, and UI/UX design to enhance team productivity.

SKILLS AND TECHNOLOGIES

Strong knowledge of computing, spreadsheets, automation, Project Management, C++, Python, cloud computing, Windows, databases and SQL. Experienced in cybersecurity, statistics, and Leadership. Analytical thinking with a growth mindset. Solid understanding of Power BI, Excel macros, google suite and Windows/Linux/PowerShell scripting. Excellent communication and collaboration skills. Ability to learn quickly and adapt to new technologies.

PROFESSIONAL EXPERIENCE

Operations Manager *(National Oceanic & Atmospheric Administration)* **Newport, OR** *06/2016 - 05/2023*
- Served as Operations Manager of a Marine Operation Center; Managed military ID administration database, security and infrastructure management software, project management software, dashboard creation and metric tracking.
- Created monitored Official Travel data base and tracking UI/database.
- Designed implemented UI Sea Service letter generator and spearheaded work flow initiatives using automation.
- Led daily status meetings with regional leadership, produced dashboards, visualization and realtime metric reporting for 13 Ships.

Research Physicist *(Naval Research Laboratory)* **Washington, DC** *01/2014 - 06/2016*
- Supported software development to predict active interrogation procedures and passive detection of WMD/radiological devices.
- Conducted unit and integration testing of UI java software and C++ code.
- Developed Python based graphic user interface for fast implementation of scenario-based radiation simulation software running on Linux.

Faculty Assistant Researcher *(University of Maryland College Park)* **College Park, MD** *01/2013 - 04/2015*
- Designed software for data analysis and publication quality plots in particle physics experiments using.
- Co-authored publications on experiments conducted at the Large Hadron Collider.

Weapon System Controller *(United States Air Force)* **World Wide** *05/2002 - 01/2010*
- Administered equipment databases, supervised maintenance operations, and ensured aircraft data availability.
- Maintained aircraft maintenance records supporting F-16 fighter jets and presented readiness statistics to base leadership.
- Excelled in interpreting technical schematics and delivering precise information.

CERTIFICATIONS

- Washington State University Everett 2024 - Data Analytics
- Everett Community College (2024) - Cybersecurity Analyst
- CompTIA (2024) - Security+

EDUCATION

BS Professional Physics *University of Maryland* **College Park, MD** *2011-2015*

Relevant Course Work: MATLAB and Computational Physics, Data Visualization

AAS Computer Science *Everett Community College* **Everett, WA** *2023-2024*

Relevant Course Work: Networking, C++, Cybersecurity, Cloud Computing

BS Social Science *University of Maryland* **Adelphi, MD** *2005-2010*