

## **Global Validation Services, LLC is seeking to fill a Data Science Position**

**Job Title: Data Scientist**

**Clearance: Top Secret/SCI**

**Employee Type: Full Time**

**Percentage of Travel: Local NCR and possibly outside NCR**

**Location: Arlington, VA**

### **Job Overview:**

The mission of the FAM program is to coordinate with internal and external partners to provide accurate, complete, timely, and relevant, vetting, tracking, and analysis services in order to reduce the risk of foreign engagement within the Department.

### **Position Description:**

- Generate analytic models, and enable analysts to exploit DHS and IC data holdings.
- Establish advanced analysis and data visualization methodologies, models, and tools to derive intelligence outcomes and impacts.
- Establish data visualization concepts to better represent insights.
- Assist in establishing capability to examine voluminous data sources.
- Assist in applying innovative and big data-driven problem-solving skills to analytic and operational elements.
- Provide services related to data visualization and communication of complex quantitative concepts to non-technical audiences.
- Assist in mission data projects within DHS and with other US Government partners, as appropriate.
- Review and revise the Risk Dashboard known as the Multi-faceted International-Threat Detection and Analysis System (MIDAS) capabilities and risk methodology.
  - Automate the data import and export.
  - Validate current risk scoring algorithms.
  - Validate and refine unclassified countermeasures to ensure effectiveness and precision.
  - Identify and obtain additional, relevant potential risk indicator (PRI) information sources to enhance MIDAS' risk assessment and identification capabilities.
  - Add visualization enhancements, such as to the user interface and the display of foreign national photographs.
    - Provide support to a range of website, graphics, audio, video and other multimedia. Provide graphic content for all-source intelligence and information products, brochures, handouts, presentations, posters, and other materials. Assist with the design and/or maintenance associated with

classified and unclassified websites (SharePoint). Develop interactive graphics and assist analysts and other personnel in conceptualizing and designing informative, effective graphics and multimedia content to enhance the analytic and information mission

- Enable direct connectivity to ISMS and other sources of data.
- Increase accessibility to MIDAS from external networks.
- Enhance MIDAS which includes modification or addition of datasets, DHS forms, and ISMS database to collect and analyze additional foreign access risk indicators. These enhancements will allow MIDAS to analyze six DHS forms, ISMS data sets, CONCUR official travel reporting, OCIO spear phishing reports, I&A foreign disclosure data, and OCRSO critical resources data. Successful ingestion of these datasets will result in an estimated 56 additional foreign access risk indicators for analysis by MIDAS v2.0. The ingest of these data sets should result in: i. Instantaneous calculation and display of the top 10-20 foreign nationals with the highest risk factors. ii. Instantaneous calculation and display of the top 10-20 employees categorized as highest risk based on exposure (contact/visits/travel). iii. Ability to immediately produce reports based on individual, country, organization, activity, or risk type.

Improve the quality and value of products and services.

- Assist with defining requirements for quantitative and qualitative evaluation of program data and metrics;
- Provide performance management and customer feedback support by assisting the government with identifying data sources of record, facilitating access to data sources, designing and implementing data capture processes, ensuring data is complete and accurate.
- Assist in the development and evaluation of performance measures examining analytic tradecraft and compliance with applicable standards

### **General Requirements:**

- Experience working with Microsoft Office suite, common Open-Source tools, and DHS data systems. Experience working researching and providing evaluations for Intelligence Information Reports (IIR).
- Be able to communicate clearly and effectively with others, both verbally and in writing.
- Enter data into multiple databases accurately.
- Basic technical developer skills required include JavaScript in Adobe LiveCycle for form development and maintenance

### **About GVS:**

Our team brings expert knowledge of program management services specializing in Intelligence, Operations, SOF, Contracting and Data Science. Our compensation package includes a competitive salary and benefits package, along with a dynamic corporate culture and supportive team environment.

Consideration will be given to those resumes reflecting all requirements and tasks. If you meet the qualifications, please submit your Resume. Go to [www.globalvalidationservices.net](http://www.globalvalidationservices.net) and click on Careers Tab. We will respond accordingly.

***GLOBAL Validation Services is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, national origin, disability, or protected Veteran status.***