



Data Scientist

Falls Church, VA / Alexandria, VA

Cyber / Intelligence / Contingent On Contract Award / On-Site

Barbaricum is a rapidly growing government contractor providing leading-edge support to federal customers, with a particular focus on Defense and National Security mission sets. We leverage more than 15 years of support to stakeholders across the federal government, with established and growing capabilities across Intelligence, Analytics, Engineering, Mission Support, and Communications disciplines. Founded in 2008, our mission is to transform the way our customers approach constantly changing and complex problem sets by bringing to bear the latest in technology and the highest caliber of talent.

Headquartered in Washington, DC's historic Dupont Circle neighborhood, Barbaricum also has a corporate presence in Tampa, FL, Bedford, IN, and Dayton, OH, with team members across the United States and around the world. As a leader in our space, we partner with firms in the private sector, academic institutions, and industry associations with a goal of continually building our expertise and capabilities for the benefit of our employees and the customers we support. Through all of this, we have built a vibrant corporate culture diverse in expertise and perspectives with a focus on collaboration and innovation. Our teams are at the frontier of the Nation's most complex and rewarding challenges. Join us.

Barbaricum is seeking a Data Scientist to contribute to the DoD Chief Digital and Artificial Intelligence Office's (CDAO) mission. CDAO is responsible for the acceleration of the DoD's adoption of data, analytics, and Artificial Intelligence to generate decision advantage from the boardroom to the battlefield. CDAO is tasked with building a strong foundation for data, analytics, and AI-enabled capabilities to be developed and fielded at scale. This position directly supports CDAO's Chief Technology Officer and will play a key role in advancing CDAO's AI/ML and data-driven initiatives

Barbaricum has been supporting CDAO for more than 3 years, including current support to the T&E Directorate and Resource and Management Office. This position is a new role on a team that will provide SETA support to the CDAO CTO.

Responsibilities

- Support development of insider threat strategy in support of protecting CDAO technical offerings; balance short-term wins with long-term investments to progressively mature CDAO's defenses against insider threats.
- Lead coordination of policy and strategy related to insider threats with industry partners and other DoD components.
- Lead exploration of data sources that are relevant to measuring, identifying, and defending against insider threats.
- Provide technical leadership in developing capabilities to detect insider threats among large user communities, leveraging combination of statistical, classical machine learning, and deep learning methods.
- Write documentation about CDAO's strategic approach to insider threat defense and how it fits within the broader DoD insider threat ecosystem.

Qualifications


- Active DoD Secret Clearance required.
- Bachelor's degree in Computer Science or related technical field plus 4 years experience, or Masters Degree in Computer Science with 2 years experience.

- Experience with data science techniques, classical machine learning, and deep learning for anomaly detection.
- Experience with Jupyter, Spark, and either Tensorflow or PyTorch.
- Previous relevant technical leadership experience.
- Exemplary technical writing skills.
- Prior experience in insider threat detection, fraud detection, or anti-abuse engineering is preferred.

Additional Information

For more information about Barbaricum, please visit our website at www.barbaricum.com. We will contact candidates directly to schedule interviews. **No phone calls please.**

[Barbaricum Home Page](http://www.barbaricum.com)

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