

Data Scientist

Apply

Annapolis Junction, MD

We are seeking an experienced **Data Scientist** with relevant experience in designing/implementing machine learning, data science, advanced analytical algorithms, programming (skill in at least one high-level language (e.g., Python) and skill in at least one mid-level language (e.g. C), data mining, advanced statistical analysis (e.g. statistical foundations of machine learning, statistical approaches to missing data, time series), advanced mathematical foundations (e.g. numerical methods, graph theory), artificial intelligence, workflow and reproducibility, data management and curation, data modeling and assessment (e.g. model selection, evaluation, and sensitivity analysis), experience as a data scientist working to support a single or multiple domain areas, and/or software engineering. Experience in more than three areas is strongly preferred.

This role resides in our Cyber department and reports to our Program Manager. This position is in the Ft. Meade area on customer site with a 10% travel requirement.

SIXGEN supports cyber and intelligence missions by serving government and commercial organizations as they overcome global cybersecurity challenges. Our highly skilled operators conduct research and assessments based on real-world threats. We simulate adversaries and malicious actors to report details and actionable findings on critical assets and infrastructures. Our program planners advise mission owners to bring rapid solutions to intelligence mission leaders. Using innovative processes, tools, and techniques, we predict and overcome cybersecurity vulnerabilities. Our successes are supported by our diverse team of experienced, technical talent. SIXGEN, Inc. is an Equal Opportunity/Veterans/Disabled Employer.

Core Responsibilities:

- Employ some combination of 2 of the following
 - Foundations (Mathematical, Computational, Statistical)
 - Data Processing (Data management and curation, data description and visualization, workflow and reproducibility.
 - Modeling, Inference, and Prediction (Data modeling and assessment, domain-specific considerations.
- Devise strategies for extracting meaning and value from large datasets.
- Make and communicate principled conclusions from data using elements of mathematics, statistics, computer science, and application specific knowledge.
- Translate practical mission needs and analytic questions related to large datasets into technical requirements and, conversely, assist others with drawing appropriate conclusions from the analysis of such data.
- Effectively communicate complex technical information to non-technical audiences.
- Make informed recommendations regarding competing technical solutions by maintaining awareness of the constantly-shifting NSA/CSS collection, processing, storage and analytic capabilities and limitations.

Required Skills and Experience:

- Bachelor's degree must be in Mathematics, Applied Mathematics, Statistics, Applied Statistics, Machine Learning, Data Science, Operations Research, or Computer Science.
- Minimum of 10 years of relevant experience.

Additional Details

- **Job Location:** Fort Meade, Maryland
- **Clearance Requirement:** TS/SCI w/ Polygraph
- **Travel:** Yes. Travel to the office will be required for meetings and collaboration. Estimated 10% or more

Compensation & Benefits

- Competitive salary
- Employer-paid health insurance premiums (medical, dental, vision)
- Employer-paid short/long term disability insurance and basic life/AD&D insurance
- 401K with a 4% employer contribution
- Professional development reimbursement options available (training, certification, education, etc)
- Flexible and remote work policies for most positions
- Paid Time Off (PTO) at a rate of three (3) weeks plus one (1) day per year of service up to four (4) weeks annually
- 11 paid holidays per calendar year

We are committed to fostering an inclusive culture that values diversity in our people, reflecting the communities we serve and our customer base. We strive to attract and retain a diverse talent pool and create an environment where everyone is empowered to be their authentic selves at work.

SIXGEN is an Equal Opportunity Employer. We ensure that all applicants are considered for employment without regard to race, color, religion, sexual orientation, gender identity, national origin, disability, age, marital status, ancestry, projected veteran status, or any other protected group or class.