



E&M Technologies
4465 Northpark Drive, Suite 304
Colorado Springs, CO 80907

POSITION: Mid Data Scientist

Work Location: NGIC Charlottesville, VA

Required Clearance: TS/SCI

E&M Technologies, Inc. is currently seeking a **Mid Data Scientist** to support a Federal government client.

Minimum Qualifications:

- Demonstrates scientific and/or engineering knowledge, methods, and techniques for the production of integrated, all-source scientific and technical intelligence assessments of foreign defense capabilities.
- Demonstrates ability to conduct data analytics, data engineering, data mining, exploratory analysis, predictive analysis, and statistical analysis, and uses scientific techniques to correlate data into graphical, written, visual, and verbal narrative products.
- Demonstrates ability to proactively retrieve information from various sources, analyze it for better understanding about the data set, and builds AI tools that automate certain processes.
- Knowledgeable of and demonstrates ability to apply IC and DoD classification guidelines and procedures.
- Demonstrates ability to work semi-independently with minimal oversight and direction.
- Demonstrates ability to use logic when evaluating and synthesizing multiple sources of information. Demonstrates ability to interpret analysis to include, but not limited to, its meaning, importance, and implications. Demonstrates ability to defend analytic judgements with sound, logical conclusions and adapt analytic judgments when presented with new information, evolving conditions, or unexpected developments.
- Demonstrate ability to produce timely, logical, and concise analytic reports, documents, assessments, studies, and briefing materials in formats including Microsoft Office tools (e.g. Excel, Word, PowerPoint, etc.), electronic/soft copy matrices and/or web-enabled formats.
- Demonstrates ability to communicate complex issues clearly in a concise and organized manner both verbally and non-verbally; with strong grammar skills. Demonstrates proficiency using Microsoft Office tools
- Demonstrates ability to use innovative tools and techniques, coupled with all-source analysis to identify, define and assess foreign adversary capabilities and vulnerabilities.
- Demonstrates ability to develop structured research including, but not limited to, obtaining, evaluating, organizing, and maintaining information within security and data protocols. Demonstrates ability to recognize nuances and resolve contradictions and inconsistencies in information.
- Demonstrates working knowledge using complex analytic methodologies, such as structured analytic techniques or alternative approaches, to examine biases, assumptions, and theories to eliminate uncertainty, strengthen analytic arguments, and mitigate surprise. Structured analytic techniques



E&M Technologies
4465 Northpark Drive, Suite 304
Colorado Springs, CO 80907

include, but not limited to, Analysis of Competing Hypotheses, Devil's Advocacy, High-Impact/Low-Impact Analysis, Red Team Analysis and Alternative Futures Analysis.

- Demonstrates understanding of intelligence collection capabilities and limitations, to include but not limited to, technical sensors/platforms and human intelligence sources related to the labor category. Demonstrate ability to evaluate collected intelligence reporting, engage with collection managers, and develop collection requirements.
- Demonstrates ability to communicate understanding from information that may be incomplete, indirect, highly complex, seemingly unrelated, and/or technically advanced. Structures analytic questions based on trends in reporting and a range of analytic perspectives from other analysts, organizations, and intelligence disciplines.
- Demonstrates ability to work independently with oversight and direction.
- Demonstrated ability to collaborate and work with other IC members on information sharing, driving collection, and addressing analytic disputes and conflict resolution.
- Develops concise, insightful, and comprehensive products for defense intelligence.
- Demonstrates knowledge of data transfer requirements for moving data between classified and unclassified computer systems

Desired Qualifications:

- Demonstrated experience with the application of quantitative and qualitative analytic methods
- Detailed knowledge of NGIC, Army, DIA, NSA, CIA, and/or interagency operations
- Understanding of DoD Intelligence processes, activities, standards, and available analytic tools with general understanding of AART operations
- Knowledge of and experience with Conventional and Irregular Warfare concepts and operations

Education:

- MA/MS degree in related scientific field AND 8 years of experience as a Data Scientist;
OR
- BA/BS degree in related scientific field and 11 years of experience as a Data Scientist.

E&M Technologies offers competitive salaries, medical benefits, and a 401k plan.

To Apply for this Position:

You must have the Required Qualifications in your resume to be selected as a candidate.

Send your resume to emtech@eandmtech.com

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, marital status, national origin, age, veteran status, disability, or any other protected class. U.S. Citizenship is required for most positions.



E&M TECHNOLOGIES, INC.

E&M Technologies
4465 Northpark Drive, Suite 304
Colorado Springs, CO 80907