Job Title: Computer Exploitation Engineer
Location: Ft Belvoir, VA
Security Clearance: TS/SCI

E&M Technologies is currently seeking a **Computer Exploitation Engineer.**

Responsibilities:
- Conducts all-source analytic production of future and current leading-edge technologies and their military applications worldwide.
- Projects the discovery, development, and deployment of advanced technologies and their potential impact on U.S. forces worldwide.
- Provides risk assessments on the transfer and diversion of defense and dual-use U.S. technologies and assesses national security implications associated with foreign involvement in critical U.S. defense technology and defense sectors.
- Produces intelligence for the U.S. National, Defense and Acquisition Communities.
- Conducts all-source analysis to identify, exploit, and assess potential threats, transfer, and vulnerabilities to defense supply chains.
- Assess computer network defense and information assurance in support of customer organizations.
- Provide certified and experienced vulnerability assessment analysts to conduct off-site system vulnerability, network architecture, policy and procedure, application, and system integrity reviews.
- Assist with development and maintenance of red team detachment assessment methods, tools, and techniques.
- Perform code review in order to find vulnerabilities.
- Perform protocol and input fuzzing in order to find vulnerabilities.
- Perform analysis of disassembled code when source code is unavailable.
- Develop exploits based on identified vulnerabilities.
- Recommend fixes and mitigation for identified vulnerabilities.
- Create/maintain adversary emulation toolsets/development.
- Contribute to technical and executive summaries of Red Team missions.
- Document tools, techniques, processes, and procedures.

Minimum Experience:
- Demonstrates comprehensive mission knowledge and skills that affirms completion of all developmental training and experiences for the labor category.
- Demonstrates the ability to communicate understanding from information that may be incomplete, indirect, highly complex, seemingly unrelated, and / or technically advanced.
- Demonstrates ability to structure analysis based on trends in reporting and a range of analytic perspectives from other analysts, organizations, and intelligence disciplines.
- Demonstrates ability to work independently with minimal oversight and direction.
- Demonstrates ability to collaborate and work with other IC members on information sharing, driving collection, and addressing analytic disputes and conflict resolution.
- Demonstrates ability to develop concise, insightful, and comprehensive products for defense intelligence.

- Demonstrates ability to lead teams in researching multifaceted or critical problems. Provides guidance in selecting, designing, and applying analytic methodologies. Uses argument evaluation and validated analytic methodologies to challenge differing perspectives.

Required Certification/Training:
- Army Information Operations Planner course - AIOPC
- Certification equivalent to DoD 8570 Information Assurance Technician – Level III
- CompTIA Advanced Security Practitioner (CASP+) CE
- CISCO Certified Network Professional (CCNP) Security
- Certified Information Systems Auditor (CISA)
- CISSP (or Associate)
- GIAC Certified Enterprise Defender (GCED)
- GIAC Certified Incident Handler (GCIH)
- Windows and LINUX Certifications
- Offensive Security Professional Certification (OSCP) OR Global Privacy Enforcement Network (GPEN)
- Python Certification
- Cisco Certified Network Associate (CCNA) /Routing and Switching
- Red Team Apprentice OR Offensive Methodology Analysis OR Red Team Operations Course
- Cobalt Strike Course

Desired Experience/Education:
- Desired Experience: At least 8 years of experience conducting analysis relevant to the specific labor category with at least a portion of the experience within the last 2 years.
- Desired Education: Bachelor's degree in an area related to the labor category from a college or university accredited by an agency recognized by the U.S. Department of Education.

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

To Apply for this Position:
You must have the listed skills and experience in your resume to be selected for an interview. Send your resume to emtech@eandmtech.com