POSITION: Mid Software Engineer
Work Location: Charlottesville, VA
Required Clearance: TS/SCI

E&M Technologies, Inc is seeking a Software Engineer to join our team in support of the U.S. Army INSCOM National Ground Intelligence Center (NGIC) Cyber Analysis Support Services (CASS). As the Software Engineer, you can create technical reports based on engineering and computer science analysis of weapon system software and firmware, and triage new software sets to identify those that require a deeper analysis. You will also perform digital forensics analysis of memory devices to recover valuable information related to system analysis, produce working virtual machines from software sets, and drive collection to provide the specific technical data required to assess software systems capabilities and vulnerabilities. We hope you can join us as we shape the future of our nation's defense. E&M Technologies offers competitive salaries, medical benefits, and 401k plan.

Required Experience/Education

- System characteristics and software algorithms related to radar systems
- Software algorithms related to cryptography and radio frequency hopping, battlefield management, and communication and jammer systems
- Signals analyst to assess C4 signals and protocols
- System characteristics and software algorithms related to unmanned and vehicle systems
- Logic designs and implementation for FPGAs
- Penetration testing
- Specific operating systems such as Windows, Linux, QNX, or others
- Knowledge of multiple software programing languages (C++, python, and assembly at a minimum)
- Experience in researching, creating, developing, and delivering professional briefings, multimedia presentations, and written reports
- Bachelor's degree in electrical or computer engineering, computer science, or directly related field of study (Experience may be substituted for education)

Preferred Qualifications:

- Military and tactical experience, such as foreign doctrine, tactical employment of systems, or supervision of such systems and tactics

To Apply for this Position:
You must have the Required Experience and Education 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.