

Job Title: Cyber Security Developer - Entry to Experienced Level

Job Location: Sterling, VA

Employment Type: Full-Time

Job Description: As a Cyber Security Developer (Capabilities Development Specialist), you will develop high-priority offensive and defensive capabilities to solve critical technical challenges. Responsibilities may include:

- developing exploitation capabilities that enable collection of foreign intelligence from target networks and systems
- designing solutions to defend against adversarial threats directed towards the US, to include cutting-edge technologies such as mobile, SCADA, and Internet of Things
- reverse engineering hardware and/or software to develop new exploitation capabilities and to develop mitigations that protect critical national security systems
- analyzing sophisticated malware to thwart cyber-attacks and identify new threats

Knowledge, skills, and experience in one or more of the following is desired:

- programming in languages such as C, C++, and/or Java, especially with experience in:
- kernel development and device driver development
- network/socket programming
- embedded systems development
- scripting languages (e.g., python, perl, or ruby)
- lower level languages (e.g., assembly, VHDL, Verilog)
- software reverse engineering/interactive debugging tools (e.g., IDA Pro, Ollydbg, gdb)
- hardware reverse engineering tools (e.g., JTAG, Oscilloscopes)
- hardware and software vulnerability analysis
- computer networking and protocol analysis (e.g. Wireshark, tcpdump)
- computer algorithms and data structures
- software development life-cycle (design, develop, implementation, debug, testing)
- The ideal candidate has a desire for continual learning with excellent problem-solving, communication, and interpersonal skills who is:
- Motivated and innovative
- well-organized
- able to handle and prioritize multiple assignments
- able to communicate effectively both orally and written
- able to work effectively (independently and/or within teams) across functional areas in a collaborative environment

Benefits: Medical, dental & vision insurance PPO, 401K, cell phone reimbursement, federal Holidays and four-week vacation per year.

Hiring Company Description: We are a cybersecurity firm dedicated to helping clients secure their computing environments and meet applicable mandatory industry and government compliance requirements. By ensuring that personal identity, data, devices and premises are protected against security breaches. We have over 30 years of combined experience providing information solutions, engineering and analysis to the U.S. Intelligence Community, Department of Defense and Federal/Civilian Agencies.

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