

Software Engineer

Department: Software Development
Reports to: Director of Product Development

QUALIFICATIONS:

- Must be a U.S. Citizen
- Bachelor's degree in Computer Science, Engineering or Math
- Minimum of 4 years of experience in software development with C, C++, Java, and Python languages
- Candidates without a degree and more than 6 years of strong work-related experience will also be considered

JOB KNOWLEDGE, SKILLS, ABILITIES AND COMPETENCIES:

Required:

- C, C++, Java, and Python software development experience
- Linux/Unix Operating System level programming
- XML, XSLT, XPROC (or related technical exp) development experience
- Software testing experience

Preferred:

- Experience writing trusted code or providing kernel level functionality
- Design and developing filter software for Cross Domain Solutions
- Experience with identification and specification of data attack, data disclosure, etc. associated with file formats and protocols
- Experience with embedded systems development
- Experience with SELinux
- Experience with RHEL7/8, systemd and creating systemd unit files

Job Summary

The Software Engineer, reporting to the Director of Product Development, will be responsible for investigating, enhancing, designing, developing and testing Linux based security systems. You will work on multiple projects identifying and resolving complex security issues. Projects involve deep security vulnerabilities that target the operating system level. This is an opportunity to deepen your operating system security knowledge with a recognized leader in the industry. You will learn SELinux and other security processes to harden complex systems. This position is based in Columbia, Maryland. The candidate will be a member of a strong technical team with a high degree of autonomy and significant responsibility.

