

Title: Cyber Security Software Engineer

Experience: 3 – 7 years relevant work experience

Education: Bachelor's degree or higher (Master's degree preferred) in computer engineering, computer science, information systems, or related field

Certifications: GISP, GSLC, GCFA, GCIH, GCIA, GICSP

Overview: Seeking a Cyber Security Software Engineer with software development and information security experience. Able to critically analyze data, anticipate challenges, and develop creative solutions to complex problems. Provides high-level guidance and technical support on all cyber security and software-related matters.

Responsibilities:

- Developing software and software-based systems using languages such as C++, Python, etc.
- Creating software testing procedures and environments, conducting tests and documenting results
- Developing and maintaining architectures, interfaces, and designs for software systems, and maintaining thorough documentation
- Executing security tests for hardware and software packages
- Conducting routine audits and system reviews, and assessing security risks based on findings
- Providing guidance and recommendations to senior leadership on software, hardware and cyber security matters – act as subject matter expert

Requirements:

- Experience with software engineering, developing software packages and systems
- Experience working in cyber security and information assurance
- Programming experience with Java, Python, C++, etc.
- Experience designing and developing systems and applications
- Self-starter with excellent organization as well as written and verbal communication skills
- Must be comfortable with public speaking and presenting findings to others, including leadership
- Familiarity with event logging a plus
- Ability to work individually and as part of a team
- Ability to think creatively and come up with innovative solutions
- May need to have or obtain secret clearance
- Experience with DoD compliance