“You are the superheroes of technology... You defend the planet and make it possible for millions, if not billions, of people to live safe and productive lives. There is nothing more important than that. There is no more rewarding job than that... Sandia develops advanced technologies to ensure global peace.”

-Dr. Stephen Younger
Sandia National Laboratories Director

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Sandia is a multidisciplinary national laboratory and federally funded research and development center (FFRDC). We conduct research that encompasses the development of technology solutions in many areas of national security, including nuclear systems, defense systems, energy/grid, and international and homeland security.

Due to our important national security mission, Sandia’s information and information assets are targeted continuously by well-resourced, advanced cyber adversaries.

Sandia is a recognized leader in cybersecurity, called upon to assist the nation with complex and difficult challenges. We operate in a fast-paced environment, utilizing our vast internal and external resources in networking, computing, counterintelligence, and law enforcement.

Cybersecurity Program & You

Protect digital information and systems critical to Sandia and its government partners through Sandia’s Cybersecurity Program.

Have national impact, developing next generation cyber systems and technologies in:

- Vulnerability Assessment
- Penetration Testing
- Intrusion Detection
- Incident Response
- Cyber Analytics
- Trusted Solutions
- Resiliency
- Threat Intelligence
- Digital Forensics
- Software and Hardware Reverse Engineering
- Authentication and Authorization
- Cryptography

Engage in professional partnerships across government agencies, academia, and industry, sharing information and collaborating to advance the nation’s cybersecurity defense.

Collaborate with researchers leading their fields, presenting and publishing results in open and closed forums. Broaden your impact in cybersecurity through support of open source software.

Lead the future of cybersecurity. Our world-class staff participate in the development of cyber experts through educational outreach, including K-12 and university programs.

Are You Ready for a Challenge?

Do you have:

- A degree in Computer Science/Engineering, Computer Information Systems, Computer Forensics, Mathematics or a related field
- Demonstrated ability to conduct research resulting in innovative technical solutions
- Demonstrated skills in reverse engineering, malware analysis, deciphering known and unknown file formats, data structures, and network protocols
- Knowledge of network design, implementation, administration, database systems, web servers, application servers, firewalls, network devices
- Experience developing and auditing code in C/C++, Python or other languages
- Proven strong analytical skills
- Familiarity with secure-system design principles and information assurance principles
- Ability to obtain a DOE security clearance (must be a U.S. citizen)

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