

ATTENTION: SOFTWARE DEVELOPERS & PROGRAMMERS!

Are you looking for an opportunity to stretch and challenge your software design skills?

Do you value the protection of highly sensitive and valuable information?

Are you looking for a cutting edge software company that is experiencing success in the marketplace?

The Challenge: Given the widespread use of mission critical software in military systems and industry today, it is essential that these systems be protected against the threats of tampering and information disclosure to unauthorized entities.

The Solution: Arxan designs, develops, and markets robust software anti-tamper solutions, which deter security breaches and piracy.

The Need: Arxan is looking for qualified **SOFTWARE SECURITY ANALYSTS** to facilitate the development and implementation of next generation software protections that protect against these threats.

SOFTWARE SECURITY ANALYST

KEY RESPONSIBILITIES:

- Evaluate & assess software security mechanisms
- Identify future threats: research and develop new attack tools
- Infuse new protection ideas (guards, obfuscations, etc) into the engineering roadmap
- Conduct security reviews, consulting (strategic) & custom developments
- Create training/educational short courses/seminars
- Prototype security tools and mechanisms

QUALIFICATIONS: (must have)

- ***U.S. Citizenship required. Applicant may be subject to a government security investigation and must meet eligibility requirements to access classified information and special project clearances.***
- Bachelor's degree in Computer Science, Computer Engineering, Math, or other related field.
- Familiar with Windows, Linux/Solaris systems.
- Able to produce and edit code in Intel x86 assembly, C/C++, Java, Win32 programming, .Net languages.
- Experienced with Visual Studio and MS Office Suite software

QUALIFICATIONS: (desirable)

- Experience with Reverse Engineering/"Cracking", Sparc/PowerPC assembly, embedded and RT systems
- Familiar with Software Protection /Anti-Tamper techniques, US DoD and Intelligence Community Security, Debuggers (SoftICE, OllyDbg, etc), Disassemblers (IDA Pro, W32Dasm, ILDasm), Decompilers, Hardware/Software Emulator, Hex Editors, Memory Dump Tools (LordPE, ProcDump, etc)
- Advanced degree

COMPANY:

Arxan Defense Systems, Inc. is a wholly owned subsidiary of **Arxan Technologies, Inc.** **Arxan** designs, develops, and markets robust software anti-tamper solutions, which deter security breaches and piracy. **Arxan** was founded in 2001 using advanced technology developed at the Center for Education and Research in Information Assurance and Security (CERIAS) - a top academic research institute and an NSA Center of Excellence in Information Assurance - at Purdue University. **Arxan** is a privately held company with locations in Bethesda, Maryland, San Francisco, California, West Lafayette, Indiana, and Huntsville, Alabama. To learn more about **Arxan**, please visit www.arxan.com

COMPENSATION & BENEFITS:

Compensation depends on experience. We seek a variety of experience levels to fill multiple positions. Arxan offers a comprehensive benefit package that includes health, dental, vision, 401(k) and paid vacation and holidays.

CANDIDATES:

If you are an exceptionally talented software analyst looking for a challenge, please click on the link below to apply for this position and to submit your resume.

<https://home.eease.com/recruit/?id=25455>

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This position represents multiple openings in West Lafayette, IN (<http://www.city.west-lafayette.in.us/home.html>) and Huntsville, AL (<http://www.hsvcity.com>). Candidates must be willing to relocate and be willing to work diligently in a relaxed team environment. The position will require at least 20% travel and involve temporary assignments at client sites.