Example of Software Security Engineer Job Description

Powered by www.VelvetJobs.com

Our company is growing rapidly and is looking to fill the role of software security engineer. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for software security engineer

- You will support the components and sub-systems security experts in the implementation of the requirements defined at system level
- You will look after the ongoing analysis of threats and vulnerabilities in the software used and will assist with the development of advanced protection concepts
- You will assist with the development of software (system and components) taking account of security specifications (Secure Coding Guidelines, general security design, secure architecture, analysis of security scans carried out), coordinating mandatory requirements, carrying out analyses in relation to security tools, and making recommendations
- You will continuously increase your expertise in IT security and will participate in relevant training activities
- You will work closely with colleagues from product development in the planning and completion of risk analyses (TRA) and in the implementation of proposed controls to assure IT security
- You will also provide support and advice for software development in compliant use of open source software according to the terms of the license
- You will provide expertise in general IT and networking, such as Virtual Machines and interfacing with other products
- As a member of the Systems Engineering team there will also be job duties outside of the security area, including specifying requirements for other SENSIS features

- Understands product features, and how their implementation affects product security

Qualifications for software security engineer

- Strong understanding of Agile Development, QA and Continuous Integration methods
- Bachelor of Science degree in Electrical Engineering, Computer Engineering, Computer Science or other equivalent ABET accredited Engineering program
- Digital/Analog/RF design skills
- Hands on electrical testing and troubleshooting
- You have 2+ years of industry experience in Infrastructure, Security, or Product engineering
- Knowledge of at least one computer architecture, including x86, ARM, MIPS, Power PC, or x86_64