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# Example of Security Engineer, / Security Engineer Job Description

Our company is searching for experienced candidates for the position of security engineer, / security engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for security engineer, / security engineer

* Provide Level 3 support for security incidents, investigations, running forensics tools and event documentation/reporting
* Documents support guidelines and procedures
* Utilize his/her technical (area of) expertise on fairly complex, high-priority projects and/or processes
* Based on documented procedures, perform moves, adds, and changes to Huron’s enterprise monitoring solution
* Educate developers, users and management on risks and best practices
* Function as lead engineer for several IT Risk projects
* Manage and maintain the Log Archiving (Splunk) platform
* Work with topics related to Cyber Security in support of State of South Carolina and Marine Corps customers
* Document the results of testing in standardized test artifacts
* Present the results of the data analysis through formal reporting – both written and verbal

## Qualifications for security engineer, / security engineer

* Enterprise caliber security appliance / system configuration, deployment, and management experience ranging from firewalls & IPS’ to SIEM’s and proxies (and more!)
* Experience using commercial and open source security software such as Nmap, Nessus, Wireshark, Rapid7, WebInspect, Metasploit Framework, Ettercap, Burp Suite
* Significant experience with enterprise Linux-based architectures and security design
* A strong level of comfort with core Windows security principles and intricacies and the roles they play within an enterprise
* Strong general networking and security knowledge (Firewalls, Routing, DNS, NAT, packet trace and analysis)
* A bachelor’s degree in a technology, science or mathematics discipline is required for this position