Example of Cyber Operations Analyst Job Description

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Our company is growing rapidly and is looking for a cyber operations analyst. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for cyber operations analyst

- Respond and manage security events
- Responsible for modeling complex problems and delivering business-focused analysis, reporting and recommendations
- Integrate and prepare large, varied datasets from which to extract meaningful insights
- Design/build specialized database and computing environments
- Work closely with data custodians, project/program managers and other IT teams to turn data into crucial insights and knowledge that can be utilized to make informed organizational decisions
- Analyze event/alert patterns to properly interpret and prioritize threats with available DLP tools and other data protection devices
- Recommend enhancements to monitoring systems used to detect and report security violations
- Assist in first response support to correct improperly implemented rules and alerts and emerging threat intelligence
- Triage advanced vector attacks such as botnets and advanced persistent threats (APTs)
- Recommend tuning of IDS, proxy policy, in-line malware tools based on threat feeds, trust and reputation data, incidents, or vulnerabilities and exploits of downstream systems

Qualifications for cyber operations analyst

- Bachelor’s degree in Computer Science, Information Technology, Information Assurance, or related field
- Requires shift work in a 7x24 Cyber Security Operations Center and be available for on-call rotation as needed
- Prior work experience serving CIOs, CROs, and CISOs as a cyber security advisor
- Min 3+ years of experience in operational cyber security, with demonstrated passion for the topic
- Shift work in a 7x24 Operations Center