



Date: August 25th, 2022

Subject: Cyber Engineer (TOC) Job Description

We are looking to hire a cyber security engineer with an analytical mind and a detailed understanding of cybersecurity methodologies. Cyber security engineers are expected to have meticulous attention to detail, outstanding problem-solving skills, work comfortably under pressure, and deliver on tight deadlines.

To ensure success, a cyber security engineer must display an excellent understanding of technology infrastructures using Firewalls, VPN, Data Loss Prevention, IDS/IPS, Web-Proxy, and Security Audits. Top candidates will be comfortable working with a variety of technologies, security problems, and troubleshooting of the network.

**Cyber Security Engineer Responsibilities:**

- Planning, implementing, managing, monitoring, and upgrading security measures for the protection of the organization's data, systems, and networks.
- Troubleshooting security and network problems.
- Responding to all system and/or network security breaches.
- Ensuring that the organization's data and infrastructure are protected by enabling the appropriate security controls.
- Participating in the change management process.
- Testing and identifying network and system vulnerabilities.
- Daily administrative tasks, reporting, and communication with the relevant departments in the organization.

**Cyber Security Engineer Requirements:**

- A degree in computer science, IT, systems engineering, or related qualification.
- 2 years of work experience with incident detection, incident response, and forensics.



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- Experience with Firewalls (functionality and maintenance), Office 365 Security, VSX, and Endpoint Security.
  - Proficiency in Python, C++, Java, Ruby, Node, Go, and/or Power Shell.
  - Ability to work under pressure in a fast-paced environment.
  - Strong attention to detail with an analytical mind and outstanding problem-solving skills.
  - Great awareness of cybersecurity trends and hacking techniques.

### **PREFERRED EXPERIENCE**

- Experience with sending content to social media: Facebook, YouTube, Twitter, etc.
- Experience with Satellite Communications
- Experience with Closed caption encoders
- Service or Familiarity with the military

### **REQUIRED EDUCATION AND/OR CERTIFICATIONS**

The nature of this job requires employee to work in a highly technical, fast pace and high stress environment. This may require working nights, weekends and holidays. From time-to-time medium lifting will be required.

- CISSP, CISA, CISM, and Security+ Certifications
- Ability to obtain and maintain a Department of Defense (DoD) issued Common Access Card (CAC)
- Ability to obtain and maintain a U.S. Government Secret security clearance
- Service or Familiarity with the military preferred.
- U.S. Citizenship required