

Cyber Security Engineer



Data Points

17,026

Total Cyber Security Job Openings (USA)

38,840

Total Employed Cyber Security Workforce (USA)



35,000+

Security Engineers Job Openings



\$107,000

Average salary



Top Cybersecurity Job Titles



Duties

- Monitor their organization's networks for security breaches and investigate a violation when one occurs.
- Install and use software, such as firewalls and data encryption programs, to protect sensitive information.
- Prepare reports that document security breaches and the extent of the damage caused by the breaches.
- Conduct penetration testing, which is when analysts simulate attacks to look for vulnerabilities in their systems before they can be exploited.
- Research the latest information technology (IT) security trends.
- Develop security standards and best practices for their organization.
- Recommend security enhancements to management or senior IT staff.
- Help computer users when they need to install or learn about new security products and procedure



Sources: cyberseeek.org, bls.gov. By FreelancingGig.com