Cybersecurity Workforce Demand

GLOBALLY, the shortage of cybersecurity professionals is nearly 3 Million
Source: (ISC)² Cybersecurity Workforce Study, 2018

On average, 30% of IT professionals surveyed stated fewer than 25% of all applicants were qualified
Source: ISACA State of Cybersecurity 2018: Workforce Development

The most commonly used cybersecurity skills:
- Network Monitoring 58%
- Security Monitoring 53%
- Security Administration 53%
Source: (ISC)² Hiring and Retaining Top Cybersecurity Talent, 2018

Top industries for cybersecurity job openings
- Professional Services: 41%
- Manufacturing and Defense: 18%
- Finance and Insurance: 10%
Source: Job Market Intelligence: Cybersecurity Jobs, 2018, Burning Glass Technologies

313,735 total cybersecurity job openings
715,715 total employed cybersecurity workforce
Source: CyberSeek, November 2018

Women Represent 24% of professionals around the world who spend at least 25% of their time on cybersecurity activities, which includes IT/ICT professionals who previously may not have been considered part of the cybersecurity workforce
Source: (ISC)² Cybersecurity Workforce Study, 2018

26% Of respondents state that on average it takes 6 or more months to fill a new cybersecurity position
Source: ISACA State of Cybersecurity 2018: Workforce Development

Top Cybersecurity Job Titles
• Cybersecurity Engineer
• Cybersecurity Analyst
• Network Engineer/Architect
• Cybersecurity Manager
• Software Developer/Engineer
• Systems Engineer
Source: CyberSeek, November 2018

Skills that are in demand
• Security Analysis
• Penetration Testing
• Secure Application Development
• Incident Response
• Cloud Security
• Data Science and Analytics
• Customer Service
• Communication
• Collaboration
• Curiosity and Passion for Learning
Source: InfoSec Institute: Top 10 Skills Security Professionals Need to Have in 2018

13.5% Growth
Computer and mathematical occupations will grow much faster than the average job during 2016–2026

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