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 Analysis 53%
- Security Administration 53%

Source: (ISC)² Hiring and Retaining Top Cybersecurity Talent, 2018

The top industries for cybersecurity job openings:

- Professional Services 41%
- Manufacturing and Defense 18%
- Finance and Insurance 10%
- Other 31%
- Managing and Consumer Data 41%

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

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

Women Represent 24% of the current cybersecurity workforce overall

Source: (ISC)² Cybersecurity Workforce Study, 2018

13.5% Growth

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


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

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