Cybersecurity Workforce Demand

1.8 Million
MORE cybersecurity professionals will be needed to accommodate the predicted global shortfall by 2022
Source: (ISC)² 2017 Global Information Security Workforce Study

37%
On average, of IT professionals surveyed stated fewer than 25% of all applicants were qualified
Source: ISACA State of Cybersecurity 2017: Current Trends in Workforce Development

The most important attributes of a qualified applicant

55% Practical Verification (hands-on)
34% Reference/Personal Endorsement
32% Certification Skills
Source: ISACA State of Cybersecurity 2017: Current Trends in Workforce Development

Top industries for cybersecurity job openings

41% Professional Services
29% Other Industries
16% Finance and Insurance
14% Manufacturing
Source: Job Market Intelligence: Cybersecurity Jobs, 2017, Burning Glass Technologies

299,335 total cybersecurity job openings
746,858 total employed cybersecurity workforce
Source: CyberSeek, August 2017

Approximately 11% of the current cybersecurity workforce are comprised of women
Source: (ISC)² 2017 Global Information Security Workforce Study: Women in Cybersecurity

Education and Experience Requirements in cybersecurity job openings

- Sub-Bachelor’s - 15%
- Bachelor’s - 64%
- Graduate - 21%

Source: Job Market Intelligence: Cybersecurity Jobs, 2017

Top Cybersecurity Job Titles

- Cybersecurity Engineer
- Cybersecurity Analyst
- Network Engineer/Architect
- Cybersecurity Manager
- Software Developer/Engineer
- Systems Engineer
Source: CyberSeek, August 2017

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

Hardest to fill skills in cybersecurity job postings

- Software Engineering
- Disaster Recovery Planning
- Network Engineering
- Software Development
- Network Administration
- Python
- Information Assurance
- Risk Management Framework
- Cryptography
- Network Security
Source: Job Market Intelligence: Cybersecurity Jobs, 2017, Burning Glass Technologies

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