Cybersecurity Workforce Demand

1.5 Million
MORE cyber security professionals will be needed to accommodate the predicted global shortfall by 2020.
Source: (ISC)² 2015 Global Information Security Workforce Study

On average, 52% of IT professionals surveyed stated fewer than 25% of all applicants were qualified.

The biggest skill gaps of today’s cybersecurity professionals:
72% Ability to Understand the Business
46% Technical Skills
42% Communication Skills

Fastest cybersecurity demand sectors are in industries managing consumer data:
- 40% Manufacturing and Defense
- 30% Financial Services
- 16% Other
- 14% Professional Services
Source: Job Market Intelligence: Cybersecurity Jobs, 2015–2016 Burning Glass Technologies

Cybersecurity job postings took 8% longer to fill than IT job postings overall.
Source: (ISC)² 2015 Global Information Security Workforce Study

Expertise required for various cybersecurity roles in demand:
- Information Security
- Network Setup
- Auditing
- Network Protocols
- Core Database, Coding and Scripting
- Systems Administration
Source: Job Market Intelligence: Cybersecurity Jobs, 2015

Approximately 10% of the current cybersecurity workforce are comprised of women.
Source: (ISC)² 2015 Women in Security: Wisely Positioned for the Future of InfoSec

18% Growth
Computer and mathematical occupations will grow much faster than the average job during 2012–2024.

Fastest growing skills in cybersecurity job postings:
- Python
- HIPAA
- Risk Management
- Internal Auditing
- Audit Planning
Source: Partnership for Public Service

Hardest to fill skills in cybersecurity job postings:
- Software Architecture
- Network Attached Storage (NAS)
- Software Issue Resolution
- Internet Security
- Legal Compliance
- Data Communications
- Platform as a Service (PaaS)
- Computer Forensics
- Internal Auditing
- Apache Hadoop
Source: Job Market Intelligence: Cybersecurity Jobs, 2015–2016 Burning Glass Technologies

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