Cyber Security Career Roadmap
Entry-Level

Cyber Security Specialist

Average Salary
$81,603

Top Skills Requested
1. Information Security
2. Information Systems
3. Network Security
4. Information Assurance
5. LINUX

Total Job Openings
6,741

Common Job Titles
Information Security Specialist
IT Security Specialist
Network Security Specialist

Requested Education (%)

<table>
<thead>
<tr>
<th>N/A</th>
<th>Bachelor's</th>
<th>Graduate</th>
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<tbody>
<tr>
<td>6</td>
<td>51</td>
<td>43</td>
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Top Certifications Requested
Security+
CIPP
CISA
Entry-Level

Cyber Crime Analyst

Average Salary
$94,188

Top Skills Requested
1. Information Security
2. Computer Forensics
3. LINUX
4. UNIX
5. Malware Analysis

Total Job Openings
640

Common Job Titles
IT Forensics Investigator
Cyber Forensics Specialist
Cyber Incident Respondent

Requested Education (%)
N/A 0 57 Bachelor's 43 Graduate

Top Certifications Requested
Security+
CISSP
CISM
Entry-Level
Incident Responder

Average Salary: $70,647

Top Skills Requested:
1. Information Security
2. Troubleshooting
3. Information Systems
4. LINUX
5. Quality Assurance and Control

Total Job Openings: 17,457

Common Job Titles:
- Incident Team Lead
- Principal Information Security Analyst - Incident Management

Requested Education (%):
- N/A: 15
- Bachelor’s: 55
- Graduate: 30

Top Certifications Requested:
- Security+
- CISSP
- CISM
Entry-Level
- Cyber Security Specialist
- Cyber Crime Analyst
- Incident Responder

Mid-Level
- Cyber Security Analyst
- Cyber Security Consultant
- Penetration Tester

Advanced
- Cyber Security Manager
- Cyber Security Engineer
- Cyber Security Architect
Entry-Level

IT Auditor

Average Salary
$82,664

Top Skills Requested
1. Internal Auditing
2. Audit Planning
3. Information Systems
4. SOX
5. Accounting

Total Job Openings
10,304

Common Job Titles
IT Audit Manager
IT Audit Consultant
IT Internal Auditor

Education (%)
1. Bachelor's: 52%
2. Graduate: 48%

Top Certifications Requested
Security+
CISSP
CISM
Cyber Security Analyst

Average Salary: $89,232

Top Skills Requested:
1. Information Security
2. Information Systems
3. Cryptography
4. LINUX
5. Network Security

Total Job Openings: 29,160

Common Job Titles:
- Senior Security Analyst
- Information Security Analyst
- IT Security Analyst

Requested Education (in %):
- Bachelor's: 63%
- Graduate: 34%

Top Certifications Requested:
- Security+
- CISSP
- CISM
Mid-Level

Cyber Security Consultant

Average Salary
$107,282

Top Skills Requested
1. Information Security
2. Oracle
3. Troubleshooting
4. Business Process
5. Information Systems

Total Job Openings
21,612

Common Job Titles
Senior Security Specialist
Information Security Consultant
IT Security Consultant

Requested Education (%)
N/A 53 45

Top Certifications Requested
Security+
CISSP
CISM
Mid-Level Penetration Tester

Average Salary: $90,590

Top Skills Requested:
1. Information Security
2. JAVA
3. LINUX
4. Information Systems
5. Python

Total Job Openings: 12,702

Common Job Titles:
- Vulnerability Analyst
- Security Tester
- Ethical Hacker

Requested Education (%):
- 3: N/A
- 59: Bachelor's
- 38: Graduate

Top Certifications Requested:
- Security+
- CISSP
- CEH
Advanced Cyber Security Manager

Average Salary: $113,407

Top Skills Requested:
1. Information Security
2. Information Systems
3. Project Management
4. LINUX
5. Network Security

Total Job Openings: 15,120

Common Job Titles:
- Security Administrator
- IT Security Manager
- Information Security Officer

Requested Education (%):
- Bachelor’s: 38%
- Graduate: 59%

Top Certifications Requested:
- Security+
- CISSP
- CISM
Advanced Cyber Security Engineer

Average Salary: $107,705

Top Skills Requested:
1. Information Security
2. Network Security
3. LINUX
4. Information Systems
5. Cisco

Total Job Openings: 45,549

Common Job Titles:
- Information Security Engineer
- Network Security Engineer
- Senior Security Engineer

Requested Education (%):

- Bachelor's (56)
- Graduate (39)

Top Certifications Requested:
- Security+
- CISSP
- CISM
Advanced Cyber Security Architect

Average Salary: $117,403

Top Skills Requested:
1. Information Security
2. Network Security
3. Cryptography
4. LINUX
5. Information Systems

Total Job Openings: 6,921

Common Job Titles:
- Network Security Architect
- IT Security Architect
- Senior Security Architect

Requested Education (%):
- Bachelor's: 57%
- Graduate: 40%

Top Certifications Requested:
- Security+
- CISSP
- CISM

N/A
Never Stop Learning