NAVIGATING A CYBERSECURITY CAREER

ESSENTIAL ELEMENTS OF A SATISFYING CAREER
WHO AM I?

CISOHelen.com
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WHAT DID I DO?
TL;DR

Know Yourself

Network

Stay Curious

Communicate Well and Often
SELF AWARENESS

- Values
- Priorities
- Communication Style
- Work Style
NETWORK

- Support
- Community Engagement
- Training
- Career Planning
STAY CURIOUS

• Technology Trends
• Security
• Humanity

ICDT.OSU.edu/cybercanon
COMMUNICATE WELL AND OFTEN

• Security
• Your Role
• Share Widely
• Build Relationships
BUT WAIT, THERE’S MORE
CERTIFICATIONS VS. DEGREES: WHO WINS?

Certifications:
- Quick to do; Long to Achieve
- Proves understanding, not mastery
- Useful to keep up with new stuff

Degrees
- Long to do; Harder to apply
- Hands On vs. Theory
- Not required for entry level jobs; helps for mid- to sr- level roles
SINGLE CONTRIBUTOR VS. MANAGER

Single Contributor:
- Sometimes more junior; doesn’t have to be
- Allows for deep technical/professional focus
- Deep vs. Wide Scope of Role

Manager
- Move away from technical SME
- Put others first without losing yourself
### Handling Security Stress

Some unique security stressors:

- People don’t understand security
- Time factor of risk – it won’t happen today
- Security is an indirect business function – gets de-prioritized

<table>
<thead>
<tr>
<th>Take</th>
<th>... care of yourself first</th>
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<tbody>
<tr>
<td>Teach</td>
<td>... others about Security to help minimize misunderstandings</td>
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<tr>
<td>Network</td>
<td>... to get support and good ideas</td>
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<tr>
<td>Keep</td>
<td>... security value, not FUD, in mind</td>
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STORYTELLING

Security is more than the data

Lead with the image
Use data and metrics as support

Be Future Focused
Inspire with a vision

Control the Narrative
Don’t let others make it up
LEAVING A LEGACY

Making your mark on a team or organization takes intentional effort.

It’s about how you do it, not what you do

Learn from others – what’s important to you?

Industry Impact: Growing the Profession

Company Impact: Team successes, history, and succession planning
Thank You!

CISOHelen.com
The Information Security Pathway

Information Security professionals protect our institutions’ most important and private information. This path will help you identify and navigate an Information Security career by increasing your understanding of the knowledge and skills needed to begin, transition, or advance your career or advance as a professional.
Early Level
0 - 7 YRS

IT Security Analyst
MEDIAN 2021 SALARY RANGE: $70,000 - $78,000
Information systems (IS) analysts are responsible for conducting system analysis and providing technology project leadership for their organization. One of their main duties includes coordinating operational procedures related to information systems and their management.

Computer Support Technician
MEDIAN 2021 SALARY RANGE: $38,000 - $49,000
Provides technical support to students, faculty and staff. Assists with the maintenance of computer systems throughout the institution. Assists faculty, staff and students with the proper operation of computer equipment and software.

Salary Info source: Higher Ed Professional Salaries for Staff & Professionals and Robert Half Technology Solutions Professional Salaries

Looking for more? Find your next job at the Career Center.

EXPLORE JOB POSTINGS
At A Glance

Sample Positions

Stories

Skills For Success

Take Action

Entry-level positions in cybersecurity include job titles like information security analyst, junior penetration tester, information system security professional, and network security analyst. In these roles, your duties and responsibilities include helping to prevent data breaches, network attacks, and other threats. You work to protect your employer's digital resources and IT systems and prevent hackers from disrupting normal business activities. Additionally, you help other employees learn and practice good information security practices on the job and at home.

You may be responsible for:

• Perform operational security duties in support of security rules and procedures based on university policies, state and federal requirements, and contractual obligations
• Assist in the triage of incoming security events
• Act as an escalation point for IT security incidents
• Provide direction and guidance on available security services and tools
• Monitor current trends, make recommendations and evaluate solutions to close gaps in security processes

Recommended Education

Associate's degree, bachelor's degree, or equivalent experience.

Other Options from Here

Looking to be more of an individual contributor as your career progresses? Move on to Mid Level. Or are you interested in pursuing leadership? Manager Level may be the best next step for you.
Early Level
0 - 7 YEARS

At A Glance
Sample Positions
Stories
Skills For Success
Take Action

ASSESS
Setting professional development goals starts with identifying opportunities for improvement. Our self-assessment provides a framework for you to rate your capabilities and performance, then develop a plan to continue learning. Take the New Managers for Cybersecurity Professionals Self-Assessment.

GIVE BACK
Support EDUCAUSE conference planning by reading proposals for special topic events or joining or leading a social media team.

GIVE BACK
Look into our informal volunteering opportunities such as participating in a focus group or virtual community, or doing a content review or a survey.

SHOW UP
Attend professional development opportunities focused on key topics in the field of cybersecurity, including the annual Cybersecurity and Privacy Professionals Conference.

SHOW UP
Go to the EDUCAUSE Annual Conference, designed for, and attended by, the global community of higher education IT professionals.

MAKE CONNECTIONS
Join the Security Community Group, formed to to identify problems and share strategies about information security governance, compliance, data protection, and privacy programs.

THINK & SPEAK
Read the latest on everything information security, privacy, and risk-related in the Security Matters blog published in EDUCAUSE Review. Have a topic you’d like to see covered or an article to contribute? Become a contributor.

LEARN
Earn your microcredential at the Data Literacy Institute, which empowers higher education professionals at all levels to use data confidently.

LEARN
Don’t miss the latest research, resources, and events related to information security and privacy. Subscribe to our Weekly Update: Information Security

MAKE CONNECTIONS
Become an EDUCAUSE ambassador — help your organization get the most out of its membership by connecting colleagues with beneficial resources.

THINK & SPEAK
Publish a Research Bulletin, or contribute to 7 Things You Should Know About.

ENGAGE IN MENTORING
Find a mentor who can provide guidance, support, and growth on your career journey. Look for a mentor who is willing to have difficult conversations with you. Decide if you prefer a mentor with a similar or different demographic background. Do you want a mentor with specific subject matter expertise? Do you prefer a mentor who can speak to the

PARTNER RESOURCE
UPCOMING EDUCAUSE PROFESSIONAL DEVELOPMENT:

LEARNING LAB | PRIVACY FOR ALL IN HIGHER ED
FEB 7-23 | ONLINE

LEARNING LAB | LEADING XR INITIATIVES: ADDRESSING PRIVACY, SECURITY, AND ETHICS
APR 4-20 | ONLINE

CYBERSECURITY AND PRIVACY PROFESSIONALS CONFERENCE
MAY 3-5 | BALTIMORE, MD

NEW MANAGERS INSTITUTE FOR CYBERSECURITY PROFESSIONALS
SEPT 19-NOV 11 | ONLINE