

A CAREER IN CYBERSECURITY COULD BE FOR YOU



Southwest Connecticut
TECHHUB
CTTechHub.org

START YOUR CAREER HERE:

Systems Admin with Security Focus

Starting Average Salary: **\$61,000**

Systems Administrators with a focus on cybersecurity maintain and secure networks, ensuring that access controls and system defenses are in place. They manage system updates and troubleshoot vulnerabilities in real time.

Cybersecurity Analyst

Starting Average Salary: **\$70,000**

A Cybersecurity Analyst monitors systems, detects threats, and implements protections against cyberattacks. Analysts also address vulnerabilities and document security measures to prevent future breaches.

HERE ARE SOME FUTURE ROLES:

Penetration Tester

Starting Average Salary: **\$78,000**

Penetration Testers, or ethical hackers, conduct simulated cyberattacks to uncover vulnerabilities and help organizations improve security.

Cloud Security Engineer

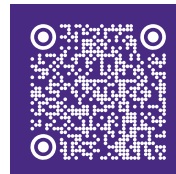
Starting Average Salary: **\$95,000**

Focuses on securing cloud platforms and applications, ensuring compliance and managing risks in dynamic cloud environments.

Information Security Manager

Starting Average Salary: **\$115,000**

Information Security Managers lead teams to implement and maintain security policies and strategies, overseeing compliance with industry standards.



**Scan here to discover
more about Tech
Careers in CT**

Salary data compiled from CT DOL Office of Research, Labor Market Information

CYBERSECURITY RESOURCES

Here you'll find education options, starter projects, and local organizations, so you can discover more about this career path.

Three Education Options for **A Career in Cybersecurity:**

Direct-to-Workforce Technical Training.

Organizations such as [The Workplace](#) provide short-term, virtual training for roles like Cybersecurity Analyst and Systems Administrator with a security focus.

Two-Year Associate Degree Programs.

[CT State Norwalk](#) offers an Associate Degree in Computer Science with a cybersecurity focus, ideal for entry-level jobs or transfer to four-year universities.

Four-Year Bachelor's and Master's Programs.

[University of Connecticut \(UConn\)](#) offers a BS in Computer Science with a Cybersecurity concentration, blending technical training with real-world applications.

Three Great Projects for **Exploration:**



Set Up a Secure Home Network

Configure a router with strong passwords and WPA3 encryption, monitor traffic using Wireshark, and implement firewall rules. This project teaches basic networking and cybersecurity practices.



Analyze a Cybersecurity Breach

Research and document a real-world cyberattack, such as a ransomware incident, detailing the methods used and how the company recovered.



Participate in Online Challenges

Join Capture the Flag (CTF) platforms like Hack The Box to solve cybersecurity puzzles and test penetration testing skills in a guided environment.

Additional Resources:

[NE Cyber Council:](#)

A virtual and physical hub for cybersecurity that offers events, networking, learning, and industry development opportunities.

[ISSA Connecticut Chapter:](#)

Get networking opportunities, professional development, and resources for cybersecurity professionals in the area.



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