

# The best jobs in technology

Cybersecurity jobs: high-demand, high pay, fascinating work, while making a difference!

## Can you qualify for the National Cyber Scholarship Competition?



### Visit our website

Try CyberStart to see whether you like solving cybersecurity challenges by visiting [cyberstartamerica.org](http://cyberstartamerica.org)



### Can you make it to the Nationals?

Prove you have the ability to complete the challenges in CyberStart to take part in a two-day scholarship challenge



### Win a scholarship!

Compete with others to qualify for recognition and one of **600 scholarships** to use at the college of your choice



## Initial cyber jobs with lots of advancement opportunities

- 1 Digital forensic analyst; investigator**  
*"The thrill of the hunt! It's CSI for cyber geeks! You never encounter the same crime twice."*  
 You are the detective in the world of cybersecurity - searching computers and networks for evidence in the wake of an incident.
- 2 Penetration tester for systems and networks**  
*"Be a hacker, but do it legally and get paid a lot of money!"*  
 You look for security vulnerabilities in target systems and networks to help enterprises improve their security.
- 3 Application pen tester**  
*"We desperately need more of this, application security has been such a black hole for so long."*  
 You're a programming/security wizard; test applications before deployment so they don't present opportunities for intruders.
- 4 Security operations centre (SOC) analyst**  
*"The fire ranger. Catch the initial blaze, or there goes the forest."*  
 With an eye for detail and anomalies, you see things most others miss. Active prevention, active detection, active monitoring, active response.
- 5 Cyber defender; security engineer (Enterprise and ICS)**  
*"A leg up on your IT and engineering buddies; talk shop with them but you are saving the world from the bad guys, too."*  
 Implement/tune firewalls, IPS/IDS, patching, admin, rights, monitoring, application white listing, more.

## More advanced cyber jobs - open after a few years of great performance and specialized training

- 6 Hunter; incident responder**  
*"The secret agent of geekdom. You walk in and say 'Ok I'll take it from here.'"*  
 While everyone else is running around shouting "the system's dead," you have the sense and skills to rationally figure out why.
- 7 Security architect**  
*"You get to design the solution, and not just for the perimeter."*  
 You are very creative, on top of the game technically and the business; you design and build defensible systems and are part of a team of very adept people.
- 8 Secure software development manager**  
*"Coolest software developers."*  
 You protect the whole development team from making errors that will allow hackers to penetrate your organization and steal data. You are a programmer, but a programmer with special powers.
- 9 Malware analyst/reverse engineer**  
*"The technical elite! Only go here if you have been called. You know who you are."*  
 Look deep inside malicious software to understand the nature of the threat - how it got in, what flaw it exploited, what it is trying to do or has done.
- 10 Technical director/CISO**  
*"Making decisions making things happen. That's coolness."*  
 Top of the tech ladder. Strategic thinking; hands-on involvement in solution design/deployment; you hold the keys to tech infrastructure and have the ability to contribute and influence.

## Other great cyber jobs

- Cyber educators, build the talent the nation needs
- Cyber legal advisors, help make sure everything is done legally
- Cybersecurity awareness coordinators, protect users from themselves
- Cyber project managers, keep the team moving along
- Cyber policy analysts, define critical processes
- Cyber intelligence analysts, see out beyond the horizon ... and dozens more



## You'll find these jobs in

- Government
- Oil and gas
- High tech
- Health care
- Manufacturing
- Finance
- Defense
- Intelligence
- and more!

## What our students say about CyberStart America



I like all the different types of problem solving/programming solutions. Not only am I using Python but I'm decoding messages, which is really fun.



The novice level was so welcoming. I never felt over my head even though I knew nothing about computers or programming.



It was a great combination of fun and learning. I felt like I was in a movie or a real adventure.



I had no idea what I wanted to do with my life but thanks to CyberStart now I do. Thank you!



Don't miss out! Register at [cyberstart.io/getstarted](http://cyberstart.io/getstarted)