

# Cybersecurity Analyst

What do your parents, the local power company, and the U.S. Army all have in common? They use computers to store information that hackers would love to get their hands on. Unfortunately, these cyber criminals are often successful. Sometimes they steal money from an individual's bank accounts and credit cards. Other times they hack into computer systems to steal business secrets or disable vital services at places like hospitals. Cyber crime is bad news which is why careers in cybersecurity are in high demand.

(Feel free to use the back of this sheet for longer answers)



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## What Do Cybersecurity Analysts Do?

Cybersecurity is one of the hottest career fields right now. Experts say that millions of cyber jobs are currently unfilled because there aren't enough qualified people to do them. This situation is expected to continue as businesses, governments, and the military look for better ways to safeguard their computer systems and data. Cybersecurity analysts are a bit like computer spies. Their job is to detect and prevent cyber threats and to track down cyber criminals. The work requires high-tech skills that are acquired in college information security programs, cyber certification training, or cyber boot camps. Besides the satisfaction of keeping the world safe from cyber crime warfare, top career perks include good pay and job security. Top employers include the military, the FBI, and all types of corporations.

## CHALLENGE #1: If you had this career...

What kind of training would you need?

Where could you find a job?

How much money could you earn?

Who would you help and how would you make a difference?

Why would (or wouldn't) you like doing a job like this?

## CHALLENGE #2: Think Tank



Yes, cybersecurity is a big issue for businesses, governments, and the military. But it is a big issue for students like you too. The Internet offers lots of ways to learn new things, connect with friends, and goof around with games and videos. Along with all that fun, however, comes the potential for problems.

What do students need to do to stay safe online? Think about ways to prevent cyber bullying and to encourage positive online experiences.

Discuss ideas with your classmates and work together to create posters to share your advice with other students.