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CAREER PROFILE

Vulnerability Analyst

Cybercrime:
A crime that involves a computer, a network or the internet.

Malicious Hacker:
Someone who tries to get into your computer or device without permission.

Cyberthreat:
An attempt to damage a computer, a network or the internet.

Our world is using computers and digital tools more and more. In the next few years, the number of devices connected to the internet and to each other is estimated to reach 25 billion! Companies need to keep their computer systems safe from **cybercrime** and **malicious hackers**. In order to protect a business and its customers, **Vulnerability Analysts** need to anticipate what malicious hackers might do.

WHAT IS A VULNERABILITY ANALYST?

Vulnerability Analysts try to make sure that online business is safe. They research and analyze possible **cyberthreats**. They continually monitor the network to ensure systems aren't vulnerable to attacks. Many types of businesses use Vulnerability Analysts to protect themselves and their customers from **cybercrime**.

CAREER OUTLOOK

- More and more connected devices mean an increase in cybercrime.
- There will be a high demand for Vulnerability Analysts in the future!
- **Projected job growth:** 19%–26% (2018–2028)
- **Average salary range:** $75,000–$129,000/year

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CAREER PROFILE

Vulnerability Analyst

AM I ...

- ☐ Curious?
- ☐ Creative?
- ☐ Analytical?
- ☐ Organized?
- ☐ Adventurous?

DO I ...

- ☐ Like to solve problems?
- ☐ Work well in teams?
- ☐ Like to explain how things work?

IS THIS A GOOD CAREER FOR ME?

Vulnerability Analysts are:

- Curious and creative problem solvers.
- Team players.
- Organized.
- Good at developing processes and procedures.
- Excited about security.

HOW DO I BECOME A VULNERABILITY ANALYST?

You will need to:

- Take classes in math, science, and technology.
- Develop your communication and teamwork skills.
- Study computer science and cybersecurity.
- Learn to code.
- Practice building a website.
- Get job experience working with computer network systems.

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