

CYBERSECURITY SPECIALISTS

NOC 21220

Undertake security measures to protect computer networks, connected devices and information to prevent unauthorized access, disruption or destruction to the information or the systems.



3-YEAR OUTLOOK



Moderate

3-YEAR JOB OPENINGS

22

MEDIAN HOURLY WAGE

$45.19

$31.25 LOW — $80.00 HIGH

TYPICALLY REQUIRED



University

EMPLOYED

241

AVERAGE SALARY

$97,000



EMPLOYMENT BY INDUSTRY

42.2%	Professional, scientific and technical services
15.6%	Public administration
8.9%	Finance and insurance
33.3%	All Other Industries



EMPLOYMENT BY AGE

11.1%	15-24
22.2%	25-34
33.3%	35-44
17.8%	45-54
15.6%	55-64
Suppressed	65+

ALSO KNOWN AS

- Cybersecurity Analyst
- Informatics Security Analyst
- Informatics Security Consultant
- Information Technology (IT) Security Specialist
- Systems Security Analyst

MAIN DUTIES:

This group performs some or all of the following duties:

- Confer with clients to identify and document requirements, assess physical and technical security risks to data, software and hardware
- Apply encryption protocols, and manage keys to ensure security of data is maintained while at rest and in transit
- Monitor access and credentials for information and systems
- Install, test and operate security software and tools such as anti-virus and automated threat detection/prevent systems to ensure security measures are in place and working as intended.

