



# 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

17

### MEDIAN HOURLY WAGE

\$37.50

\$36.06 LOW \$72.58 HIGH

### TYPICALLY REQUIRED



University

### EMPLOYED

221

### AVERAGE SALARY

\$97,000

The information presented is based on data for New Brunswick. To learn more about the data provided, visit [www.nbjobs.ca/occupations](http://www.nbjobs.ca/occupations).



### EMPLOYMENT BY INDUSTRY

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



### EMPLOYMENT BY AGE

<b>11.1%</b>	15-24
<b>22.2%</b>	25-34
<b>33.3%</b>	35-44
<b>17.8%</b>	45-54
<b>15.6%</b>	55-64
<b>0.0%</b>	65+

### ALSO KNOWN AS

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

### 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.

