



# 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.

