

Cyber Security of Tomorrow Script

Cyber threats continue to rise as our society is more technologically reliant than ever before, and there is no sign that this trend is slowing down. When faced with this reality, it is important for organizations to build strong cyber security resiliency. One way to do this is through hiring and retaining skilled cyber security professionals.

Canada is currently facing a serious talent crunch when it comes to cyber security professionals, with demand growing by seven per cent annually, and 8,000 new workers needed by 2022.

The causes for the current skills gap are noted by:

- The rapid surge of demand for cyber security professionals as cyber threats increase and become more complex
- And a lack of formal awareness of cyber security as a viable career path

There is misconception that a technical background is required to work in cyber security. The cyber domain is a multi-disciplinary field where professionals not only encompass technical solutions, but attempt to understand how humans are influenced by hackers and interact with their devices.

For example: education, a non-technical aspect of cyber security, has helped increase individuals' awareness of safe cyber practices. This has reduced response rates of malicious emails, text messages and phone calls. This is especially important as 90% of cyber attacks are caused by human error.

Organizations should now be encouraged to improve their cyber security posture by hiring a diverse multidisciplinary workforce who will be the cyber security professionals of tomorrow.

Thanks for watching.