

BUILD A CITY. BUILD A FUTURE.



CYBER SECURITY ANALYST 1

REGULAR FULL-TIME

EMPLOYMENT STATUS

Union – CUPE Local 402 – Regular Full-time

OVERVIEW

Help Protect and Shape a Growing City.

As one of Canada's fastest growing and most diverse cities, Surrey is a recognized leader in innovation and sustainability. Technology is at the heart of how we serve our community—making our city smarter, safer, and more connected.

Joining Surrey's IT Department means more than starting a job—it's about joining a mission. We're leading digital transformation in municipal government, delivering secure, user-focused solutions that support everything from public safety to smart city initiatives. As part of our Cyber Security team, you'll help protect critical systems and services that over half a million residents rely on every day.

WHY YOU'LL LOVE WORKING HERE

- Impact that matters – Your work directly protects services relied on by 500,000+ residents.
- Growth opportunities – Work with senior analysts, learn on the job, and access training and certifications.
- Collaboration – Join a team that values knowledge-sharing and problem-solving together.
- Purpose-driven environment – Be part of a municipality committed to innovation, sustainability, and community service.

SCOPE

Reporting to the Cybersecurity Manager, the Cyber Security Analyst 1 is a technical position that provides cyber security consultative services, responds to incidents, evaluates, and makes recommendations related to cyber security risk management, and participates in the development and implementation of cyber security awareness campaigns.

RESPONSIBILITIES

As a Cyber Security Analyst 1, you'll be on the front lines of defending the City's digital environment. Every day is different—you'll balance hands-on technical work with meaningful awareness and training efforts across the organization. Reporting to the Cybersecurity Manager, you'll:

- Monitor, investigate, and respond to day-to-day cyber threats.
- Triage and analyze Advanced Threat Detection (ATD) alerts, tuning rules as needed.
- Maintain and update firewalls, VPNs, and remote access rules.
- Manage intrusion prevention systems, web content filtering, and antivirus policies.

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- Conduct vulnerability scanning for all systems including PCI and Internet facing systems.
- Contribute to city-wide cybersecurity awareness campaigns and training.
- Work collaboratively with IT peers to identify and reduce risks.
- Other job-related duties as assigned.

QUALIFICATIONS

We're looking for someone eager to apply their knowledge, grow their skills, and make a real impact.

- Completion of a Bachelor's Degree in Computer Science/Information Systems or in a related IT field, plus 1 year of cyber security experience; OR a diploma in Computer Science/Information Systems or in a related IT field, plus 3 years of cyber security experience. An equivalent combination of education and experience may be considered.
- CISSP, GIAC, or an equivalent security certification is considered an asset.
- Experience with Palo Alto Next Generation Firewall with V10.x or newer is considered an asset.
- Experience with Cloud security management is considered an asset.
- Experience in scripting languages in Python, PowerShell, or KQL is considered an asset.

KNOWLEDGE, SKILLS, AND ABILITIES

Candidates under consideration will be able to demonstrate a strong knowledge in:

- Strong foundation in firewall, antivirus, IPS, and threat detection systems.
- Familiarity with email, web, cloud, and mobile security practices.
- Understanding of identity and access management, encryption, and PKI.
- Analytical mindset with strong problem-solving skills.
- Ability to clearly communicate technical concepts and deliver training.
- Team-focused, collaborative approach.

OTHER INFORMATION

Pay Grade: 27

Hourly Rate: \$47.52 (2024 Rates)

Pay Steps	Hourly Rates
Step 1	\$47.52
Step 2 (6 months)	\$49.52
Step 3 (18 months)	\$51.52
Step 4 (30 months)	\$53.84

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