*A progressive city of 187,800 people located just a short 30-minute drive from Toronto, the **City of Oshawa** is one of Canada's fastest growing communities that is exceptionally positioned to live, work, learn and invest. Its strategic pursuit of sustainable growth, excellent community service delivery and co-operative partnerships have enhanced its quality of life advantage, while maintaining a strong commitment to financial stewardship.*

Posting Number: 004968

Job Title: Temporary Part-Time Junior Cybersecurity Specialist

City: Oshawa **Province:** Ontario

Employment Group: Exempt

Wage Rate: I - $31.97 - $37.61 per hour

Standard Weekly Hours of Work: up to 24

Shift Work Required: Yes

Posting End Date: 2024/08/23

Job Description

Reporting to the Manager, Cybersecurity, the Junior Cybersecurity Specialist role is pivotal in fortifying the organization's digital assets and information security by proactively monitoring, analyzing, and responding to security incidents.

The Junior Cybersecurity Specialist contributes to the development and enhancement of cybersecurity policies and procedures. This position focuses on staying ahead of evolving cyber threats to ensure the confidentiality, integrity, and availability of systems. The primary goal is to strengthen defense mechanisms, conduct thorough risk assessments, and provide timely insights to maintain a resilient and secure IT environment.

Responsibilities:

- Assist in the design, deployment, and maintenance of monitoring and network security systems
- Review and perform maintenance on existing server policy and process configurations
- Assist in deploying and configuring new servers within security and monitoring silos
- Participate in planning, developing, and deploying notification systems for performance, security, and health of systems
- Monitor security logs of servers and devices for risks, errors, or intrusions.
- Collaborate in responding to security events as necessary
- Thoroughly document details of cybersecurity incidents, including the nature of the incident, actions taken, and lessons learned. Maintain incident response documentation for post-incident analysis and reporting
- Contribute to the documentation of cybersecurity policies and procedures, ensuring clarity and adherence to industry standards. Assist in keeping documentation up-to-date to reflect changes in security practices and compliance requirements
- Document findings and results from regular security monitoring, generating reports for management and relevant stakeholders. Maintain records of security metrics and key performance indicators
- Collaborate with cross-functional teams to ensure documentation aligns with overall IT and cybersecurity objectives. Document collaborative efforts and knowledge-sharing within the cybersecurity team
- Enforce and maintain security policies across network devices, updating firewall rules and access controls
- Assist with Managing and configuring security appliances, while troubleshooting issues to ensure proper functioning
- Act as initial escalation point for other staff for Cybersecurity issues

Requirements:

- Four (4) year University degree in Computer Science with a networking, server infrastructure, or cybersecurity focus, or equivalent professional experience
- Certified in Cybersecurity ISC2 (CC) is preferred, or willingness to complete
- Willing to consider current students and recent graduates from post-secondary educational institutions
- CompTIA Security+ certification is preferred
- Knowledge of Deployment Models in a Microsoft Server environment
- Knowledge of Active Directory and Domain Administration is an asset
- Network protocol and firewall knowledge
- Understanding of VLAN and tunneling configurations
- Relevant training in security related technology, risk mitigation and techniques

This position is eligible for hybrid work.

Apply online at: https://oshawa.jobs.net/en-CA/search

As a condition of employment, the City of Oshawa will require successful candidates to undergo a Criminal Records and Judicial Matters Check.

The City of Oshawa is situated on lands and waters within the Williams Treaties Territory, home to seven First Nation communities of the Michi Saagiig and Chippewa Anishinaabeg, who have cared for and maintained these lands from time immemorial and continue to do so to present day. Learn more

We are an Equal Opportunity Employer in accordance with the Accessibility for Ontarians with Disabilities Act, 2005 and the Ontario Human Rights Code (OHRC). The City of Oshawa promotes the principles of diversity, equity and inclusion and adheres to the tenets of the Canadian Human Rights Act and the Ontario Human Rights Code. The City of Oshawa encourages applications from women, Indigenous Peoples and persons of all cultures, ethnic origins, religions, abilities, ages, sexual orientations, and gender identities and expressions.

The City of Oshawa will provide accommodations throughout the recruitment and selection and/or assessment process to applicants with disabilities and/or needs related to the OHRC. If you require an accommodation during the recruitment process or assistance with the application process please contact Human Resource Services. Personal information provided is collected under the authority of The Municipal Freedom of Information and Protection of Privacy Act.