Digital Technologies Degree Program – Student Cyber Security Analyst

Electrify your career and help build a brighter tomorrow.

OPG is on a mission to build a sustainable future powered by our electricity, ideas, and people. Our vision is to electrify life in one generation. Harnessing the power of artificial intelligence, you will have the opportunity to drive cutting-edge technologies and solutions that will propel our company and the industry forward. Your expertise will not only transform the way we operate but also impact the lives of millions as we provide clean and reliable energy to Ontarians.

Every generation has a challenge that defines them. At OPG, we are calling on all innovators, disruptors, thought leaders and change-makers. Join us to electrify life in one generation and build a sustainable future powered by our electricity, our ideas, and our people. Join OPG and make history.

Accommodations

OPG is committed to fostering an inclusive, equitable, and accessible environment where all employees feel valued, respected, and supported. If you require accommodation during the application or interview process, please advise us as soon as possible so appropriate arrangements can be made.

If you require information in a format that is accessible to you, please contact AODA@opg.com

Job Overview

We are a dynamic organization at the forefront of the energy industry, and we are seeking a talented and motivated student cyber security analyst to join our innovative team. This position will involve assisting with various cyber security initiatives, including vulnerability assessments, threat modeling, and cloud security. The successful candidate will have knowledge of security principles and controls, as well as familiarity or experience with cloud security. This is an excellent opportunity for a student interested in pursuing a career in cyber security to gain hands-on experience in a dynamic and challenging environment.

You will have the opportunity to work collaboratively with industry-leading experts in a fast-paced environment, gaining hands-on experience while playing a vital role in the development of the energy industry. Join us on the forefront of innovation and help us lead the way in creating a sustainable energy future for generations to come.

If you are a dedicated, passionate student Cyber Security Analyst looking for a valuable learning experience in an exciting industry, apply for our student Cyber Security Analyst role today.

Key Accountabilities

- Collaborate with the team to review and analyze email messages, phishing, and spam reports, and ensure the correct categorization and action are taken.
- Gather Metrics from different security tools and build dashboards
- Assist in optimizing playbooks and runbooks
- Assist in governance updates to different standards and policies
- Participate in internal and external cybersecurity table-top exercises.
- Help provide change management and communications for cyber
- Collaborate with internal or external teams to implement or optimize specific use cases that help improve detection and response.
- Assist in proof of concept or value for new solutions
- Other duties as assigned.

Requirements

- Enrolled in the Bachelor of Applied Science in Digital Technologies at Lassonde School of Engineering.
- **Location**: Role based in Toronto or Durham Region
- **Type**: Full Time Hybrid – 35 hours per week, 3 days in-person, and 2 days remote.
- **Duration of contract**: 12 months starting in September 2023
- **Number of positions**: 1

Skills and Competencies

- Knowledge of or willingness to learn big data analytics, scripting, and Microsoft KQL (database management)
- Knowledge of cybersecurity concepts and controls
- Familiarity or willingness to learn Cybersecurity in the Cloud and Operation Technologies (Nuclear and Renewable Generation)
- Excellent analytical and problem-solving skills.

What Makes a Career at OPG Different?

As Ontario’s largest clean energy generator, we’re building, expanding, and innovating the equipment and technology that keeps Ontario powered with clean, reliable energy.

At OPG, our values are our strengths. They are fundamental truths about our organization that don’t change:

**Safety** – it’s our business.
**Integrity** – always lead with integrity.
**Excellence** – never satisfied with good enough.
**Inclusion** – working together for powerful outcomes.
**Innovation** - creativity accelerates possibility.

Here’s why OPG might just be the ideal workplace for you:
- Exceptional range of opportunities province-wide
- Long-term career growth and development opportunities
- Electricity is vital to the province and OPG’s clean electricity is helping decarbonize other sectors.

Our promise to you:
• We care about the safety and the well-being of our employees. It is our utmost priority.
• A supportive work environment where you can be your best every day.
• Opportunities to stretch and develop.
• Offer different ways for you to give back to communities where we operate.
• Partner with Indigenous communities and support local businesses.
• We support employment equity, diversity, and inclusion.

Are you ready to start a career that has the power to electrify life on and off the job? Apply now.