



- Job Titles:** DX (Digital Transformation) Student
- Reports to:** Continuous Improvement & Maintenance Manager, Industrial Engineer
- Department:** Operations, NGF Canada, FP Division
- Duration:** 12-month term
- Start-End Date:** September 23, 2024 to August 29, 2024
- Work type:** In-person 5 days per week and on a full-time basis at 255 York Road, Guelph, ON
- Hours per week:** 37.5
- Salary:** \$22 - \$24 per hour

**About the company:**

NGF Canada was established in 1995, and is the only company in North America that manufactures glass cord. A lot of our end users are automotive, industrial and tire manufacturers. If you've been in a car, chances are high that our cord is in one of the components!

This is a small company with an excellent work culture. Our employees are warm and welcoming, and we have a talent pool filled with intelligent, quick-witted individuals of various education and career backgrounds. Here, you will receive mentorship and learn a lot about an industry that might be new to you.

Company website: [High-performance material - NSG GROUP](#)

**About NGF:**

NGF is a global business with manufacturing units in Japan, China, UK, Poland and Canada and is a member of the NSG Group of companies. The group is a world-leader in the manufacture of glass products for building, automotive and information electronics applications.

**About NSG:**

NSG Group Mission: To be the global leader in innovative high performance glass and glazing solutions, contributing to energy conservation and generation, working safely and ethically.

**Summary of the projects and skills required:**

You will be supporting the Continuous Improvement (CI) Manager with digital transformation initiatives and projects. We are at the early stages of our DX journey, and the goal is to make data accessible and relevant for decision-making. We have two projects involving sensors that will stream data to Amazon Web Services (AWS) for streamlining and analysis, and two more projects involving



taking data from existing databases and making it visible and useful for improvements on the plant floor. The primary skills relevant to this job are database management, programming and data analytics.

## 1. Job Purpose & Principal Accountabilities

This student will support the Continuous Improvement Analyst in duties including, but not limited to:

- Execution of project-related tasks
- Digitalization initiatives on the plant floor
- Cost Savings Project Tracking
- Creation of digital tools to aid the Quality and Continuous Improvement functions of the business.
- Creation of data collection maps to aid IoT implementation

## Qualifications / Training Requirements:

- Background in a university or college program, preferably in Engineering, Process Improvement, Computer Science, Mathematics, Data Analytics, or related fields.
- Excellent data analysis skills.
- Strong computer software capabilities.
- Proficient in Microsoft Office.
- Strong communication skills.
- Demonstrated ability to work independently.
- Advanced skills in Microsoft Excel and Microsoft Access.
- Understanding of databases and business management systems an asset.
- Experience with drafting software an asset.
- Knowledge of Lean Six Sigma principles an asset.
- Ability to use Power Query, Power BI and VBA an asset.

## Program Overview:

As part of the Digital Technologies Degree Program, you will work full time while spending approximately 20% of your time studying to earn your [Bachelor of Applied Science in Digital Technologies](#) degree with [York University, Lassonde School of Engineering](#), Toronto, ON. This program is the first in Canada! Designed to provide a powerful combination of both work-based and academic experiences that will give you a competitive edge upon graduation. Learn more about this [program and the admissions process at](#)



## NGF Canada Limited

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<https://lassonde.yorku.ca/digital-technologies/students> or contact the York University - Student Recruitment and Admissions team at [askmarkham@yorku.ca](mailto:askmarkham@yorku.ca)

**Date:** July 23<sup>rd</sup>, 2024

**Approved:** Lee Thompson, General Manager, NGFC.