

# Nneka Lemon

📞 905-467-4079

✉ lemonn@mcmaster.ca

in [linkedin.com/in/lemonn](https://www.linkedin.com/in/lemonn)

## Highlights of Qualifications

- Excellent teamwork and leadership skills developed through various group work and projects.
- Collaborated with team members while completing a detailed engine model, ensuring that tasks were distributed evenly and completed on time.
- Problem-solving design flaws to create the best energy-efficient wind turbine designs.

## Education

**Bachelor of Technology,  
Automotive & Vehicle Engineering Technology (Co-op)**

**Expected completion Dec 2021**

McMaster University, Hamilton, ON

- Currently in level four of an integrated four-year joint technology and management program with McMaster University and Mohawk College.
- The business-management curriculum had dual accreditation, globally with the Accreditation Council of Business Schools and Programs, nationally with the Canadian Institute of Management.
- Will be awarded a Bachelor of Technology Degree, Advanced Diploma in Mechanical Engineering Technology-Automotive & Vehicle Technology, and Business Management Certificate.

## Relevant Courses

### Business

- Technical Communication
- Project Management
- Engineering Economics

### Technical

- Control Theory
- Computer-Aided Design
- Finite Element Analysis

### Engineering

- Mechanics
- Physics
- Chemistry

## Skills

- Proficient in Microsoft Word, Excel, and PowerPoint.
- Solid skills with AutoCAD, SolidWorks, Siemens NX, CATIA.
- Automotive technical and organizational skills in disassembling and reassembling parts.
- Experience using CNC machines and programming with G-code.
- Academic knowledge of VB.Net and C++ Programming.
- Experience with MATLAB, ANSYS and Minitab
- Completed WHIMIS safety training.

## Experience

**Lab Set-up Technician**

**Jan 2020-April 2020**

McMaster University Faculty of Engineering Machine Shop, Hamilton, ON

- Completed minor machine maintenance, including oiling parts and cleaning components.
- Operated multiple machines, including the CNC, lathe, band saw, and various hand tools to complete required projects and orders.
- Utilized various tool gauges to inspect pieces after production completion.
- Read blueprints, product specifications and tooling instructions to plan correct operational sequences and prevent materials waste.
- Prepared metal and wood surfaces for painting.

# Nneka Lemon

📞 905-467-4079

✉ lemonn@mcmaster.ca

in [linkedin.com/in/lemonn](https://www.linkedin.com/in/lemonn)

## CAD Student Intern

May 2019-Aug 2019

Footletic Inc., Stoney Creek, ON

- Implemented a system using Microsoft Excel to track orders and their progress, to aid in decision making.
- Extracted key metrics from the ordering system for analytics and created a summary report.
- Created 3D scans of foam foot imprints and prepared them using FreeCAD and Rhinoceros 3D for the final design stage.
- Prepared orders for daily shipping and packaging by cleaning and checking for any defects.

## Bistro and Swedish Food Market

Apr 2017-Sep 2017

Ikea Canada, Burlington, ON

- Improved customers experience by resolving conflict and coming up with solutions.
- Worked effectively with coworkers to create a more efficient process for making food orders.

## Lifeguard & Swim Instructor

Sep 2014-Jul 2015

Town of Oakville, Oakville, ON

- Taught swimming lessons to help improve the swimming and safety skills of individuals between the ages of 6 months and 40 years old.
- Followed and enforced safety standards to ensure the safety of the patrons at the pool.
- Graded individuals based on their demonstration of skills during the duration of lessons.
- Developed lesson plans for classes with a maximum of 12 students that have beginner to advanced swimming skills.
- Created fun and informative activities to improve and develop individuals swimming and safety skills.

## Manufacturing Assistant (Co-op)

Jul 2014-Aug 2014

Reale Born, Mississauga, ON

- Assisted in the manufacturing process for high-end design and metal fabrication.
- Learned from individuals in the engineering design process to the manufacturing process of high-end metal stairs.

## Projects

### SolidWorks Engineering Design

- Collaborated with a team of 5 students to design and model a pump jack system, which operates a reciprocating pump shaft in an oil well using SolidWorks.
- Created a complete CAD model with assembling animation study simulation, based on the input motor mechanism.

### CATIA 3D Engine Modelling

- Led a team of 8 students to model a 6-cylinder Camaro engine on CATIA, with gear and engine simulations.
- Disassembled and assembled a Camaro engine to take specific part measurements for design modelling.

### Business Plan

- Created a business plan for a new company, analyzing the competition, financials, and feasibility of the business.
- Managed a team of 5 individuals assigning each person with a specific task and ensuring all work gets completed on time.