

# MICHAEL JOSHUA LE BLANC

Etobicoke, ON Canada

[joshleblanc509@gmail.com](mailto:joshleblanc509@gmail.com)/ 647 853 2133 [LinkedIn](#)

**Objective:** To obtain full-time employment as a Technologist in the automation/robotics and heavy machinery fields.

## SKILLS

- PLC Programming for automation and integration
- Knowledge and experience using various programming languages(Python, C++, Visual Basic)
- Knowledge and experience with pneumatic, hydraulic and electrical systems and circuits
- Proficient with hands and an array of power and hand tools
- Foundational programming and troubleshooting of automated and robotics systems
- Ability to use CAD and other computer schematic-intensive software
- Strong troubleshooting and problem-solving skills
- Great attention to detail and analytical skills
- Quick learning and adaptability
- Strong collaborative and teamwork skills
- Comfortable working alone if necessary

## EDUCATION

### Humber College, Etobicoke, ON

September 2022-Present

Electromechanical Engineering Technology, Automation & Robotics, Co-op Stream

Currently in year 3 of 3

Expected Graduation August 2025

### Verde Valley School, Sedona, Arizona, USA

September 2019-May2020

IB Diploma Graduate, May 2020

## EXPERIENCE

### Humber College

September 2023-present

#### Barrett Center for Technology and Innovation

Research and development: STEM developer and Skills Mechatronics mentor

- Maintenance and renovations of robot and other automated systems
- CAD design
- PLC and robot Programming
- Mentoring and training new and current Humber Skills Mechatronics competitors
- Create and teach content for STEM workshops to Middle and High school students

### Brand Felt of Canada LTD, Mississauga, ON

May 2024-December 2024

Machine Technician and Research and Development

- Maintenance of industrial equipment used in manufacturing and converting of materials
- Diagnosing and Troubleshooting Pneumatic and Hydraulic powered systems
- CAD Design using AutoCAD and SolidWorks for Electrical and Mechanical Schematics
- PLC, HMI and VFD Programming for new and existing system upgrades
- Automated system design and integration from scratch
- Workshop experience using end mills, lathes and other similar machinery.
- Metal Fabrication using Mig and Stick welding
- Electrical panel design and building incorporating 3-phase and single-phase powered devices

**Ace Engineering Ltd, Commonwealth of Dominica****June 2020-August 2022**

Skilled carpenter, heavy machine operator and mechanic apprentice.

- Construction of cabinetry, interior framing, and general building construction.
- Driving and operating excavators, dump trucks and other mobile heavy machines
- Assisting in maintaining trucks and heavy machinery in the company garage

**EXTRACURRICULARS****Humber College Skills Mechatronics Team****September 2022-present**

- Assembly and disassembly of small-scale industrial systems using FESTO training equipment
- Programming automations using PLCs
- Proficient use of tools using industry-standard techniques and methods.

**Humber College Powerlifting Extramural Team****September 2024-May 2025**

- Aids in building team-oriented skills
- Working with people of different backgrounds
- Physically fit
- Builds mental fortitude and determination