

# JAYSON CABRERA

ELECTROMECHANICAL ENGINEERING TECHNOLOGIST

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647-571-8441

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[jayson.cabrera2002@gmail.com](mailto:jayson.cabrera2002@gmail.com)

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88 New Seabury Drive  
L4K 2B8, Concord ON

## OBJECTIVE

To earn an entry level position utilizing my skills in electrical systems and expanding on my knowledge of wiring.

## KEY SKILLS

- Designing electrical schematics and control systems
- Wiring control panels in a neat, easy to understand fashion
- AutoCAD, AutoCAD Electrical, and SOLIDWORKS
- HMI Design and programming [FactoryTalk View Studio]
- PLC ladder logic coding and troubleshooting [Allen-Bradley]
- Designing and implementing pneumatic systems
- Fanuc and KUKA robot programming
- Valid G licensed driver

## EXPERIENCE

May 2023 – January 2024

Controls Technician • Automobotics Controls Group Inc.

- Troubleshooting PLC logic regarding automated riveting and welding robot cells
- Assisted with integration between PLC, AGVs and torque guns.
- Involved in improving the design of operator stations to create a more ergonomic working environment

September 2022 – April 2023

### Automatic Bottle Processing System

Electrical & PLC Programmer • Humber College

- Designed electrical schematics in AutoCAD Electrical, reading various manuals, and wired a control panel accordingly
- Programmed entire PLC ladder logic to automate bottles being washed, filled, capped, and labeled
- Lead integrator between Allen Bradley PLC, KUKA robot controller, I/O ArmourBlocks, SMC slider, and Allen Bradley HMI

## EDUCATION

[January 2024 – Present]

### McMaster University

Software Engineering  
Technology

[September 2020 – April 2023]

### Humber College

Electro-Mechanical  
Engineering Technology

## AWARDS

- SEW Eurodrive Ernst  
Blickle Scholarship
- Honour Roll

## SOFT SKILLS

- Exceedingly Punctual
- Well Organized
- Team Oriented Worker
- Great Communicator
- Adaptable

## HOBBIES

- Photoshop and Sony  
Vegas Pro
- Carving 2D designs using  
G Code on CNC machines
- Self-learning Japanese  
(N5 Proficiency)
- Reading