

# Paxton Coghlin

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 PHONE: +1 226-268-9249    EMAIL: PAXTONCOGHLIN@GMAIL.COM    WWW.LINKEDIN.COM/IN/PAXTON-COGLIN-A2B43A233

## SUMMARY OF SKILLS

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- Ladder logic, SFC, and structured text in Studio 5000
- Robotic Programming and Troubleshooting (Fanuc, Kuka, Denso)
- Circuit Analysis
- PCB, and software design in embedded systems
- Proficiency in C++, and Python
- Experience with Java, Turing, and Lua
- Problem-Solving, Communication, and leadership Skills
- Has a Driver's License

## WORK EXPERIENCE

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Skills Competitor, Humber College, Etobicoke ON 2022-2024

- Practiced to become faster and more efficient in building automated systems.
- Designed custom on-body tool holders to hold tools in more ergonomic places in order to increase the speed at which they can be utilized.

Skills Coach, Humber College, Etobicoke ON 2023-present

- Designed new automated systems for the students I was training to build
- Identified weaknesses of competitors and tailored learning opportunities to build on those weak areas
- Help teach stress management strategies to the students I was training

Grocery Clerk, Superstore, London ON 2020-2022

- Stocked groceries to a shelf in a timely, yet precise manner.
- Helped customers find products that they are having a hard time finding.
- Unloaded skids of new product from trucks and into the main building by means of power equipment.

Camp Senior Leader, Gateway Church, London ON 2022

- Led various maintenance jobs around the premises.
- Led multiple groups of people who were responsible for the safety of children attending the camp

## WorldSkills Mechatronics Competition

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Gold at the Humber Polytechnic internal competition	2023
Gold at the SkillsOntario provincial competition	2023
Gold at the SkillsCanada national competition	2023
Best of Region Award at the SkillsCanada national competition	2023
Received the highest score among competitors at the SkillsFrance national competition	2023
Received the Medal of honor at WorldSkills Lyon 2024, placing 16th in the world	2024

## SOFTWARE KNOWLEDGE

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- Studio 5000
- Solidworks
- Fusion 360
- AutoCad
- EasyEDA
- Cura
- hotoshop CS4
- GIMP
- DaVinci Resolve

## EDUCATION & TRAINING

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Currently enrolled in Electromechanical Engineering Technology co-op at Humber College	2022-Present
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## VOLUNTEER EXPERIENCE

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Volunteer, Ark Aid Mission, London ON	2018-2020
<ul style="list-style-type: none"><li>• Served food to homeless people.</li><li>• Handed out bags of bread and plastic meal tickets to people walking through the door.</li></ul>	
Volunteer, CBC Ilderton, Ilderton ON	2017-2019
<ul style="list-style-type: none"><li>• Created and maintained a safe learning environment for children.</li><li>• Instructed children in guided activity.</li></ul>	

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**References Available Upon Request**