

Zachary Choonoo

Mechanical Engineering Graduate

Detail-oriented employee looking to acquire an Industrial Electrician's Apprenticeship position. Eager to contribute value to your company through strong critical thinking skills, prior school knowledge, and eagerness to learn.

Work History

2019-01 -
Current

Engineering Technologist/3D Modeler

Copper Core Manufacturing, Etobicoke, Ontario

- Manage Solidworks model designs, choice of components, materials, and assembly sequences of industrial radiators
- Used self-taught CAM software to improve workflow and throughput of projects from office to shop floor by 50%
- Create designs for ease of manufacturing, including optimal motor placement for simple conduit placement

2016-09 -
2018-08

School Experience

Conestoga College, Cambridge, Ontario

- Created PLC code and HMI screens for automated bottling line project
- Assisted in design and creation of electrical cabinets for bottling line project. This included electrical wiring from cabinets to PLC, HMI, and stepper motors

Education

2016-09 -
2018-08

Bachelor of Engineering: Mechanical Systems

Conestoga College - Cambridge

- Relevant coursework includes PLC/HMI Programming, Motor Power and Controls, and Robotics and Automation

2013-09 -
2016-08

Advanced Diploma: Mechanical Engineering Technology

Conestoga College - Cambridge

- Relevant coursework includes Electrical and Electronic Principles, Electrical Machines and Controls, and PLC Programming

Interests

Modifying cars

Building computers

Contact

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Skills

Critical Thinking



Robotics



PLC/HMI Programming



Wiring Layouts



Power Tools



Troubleshooting skills



Electrical and mechanical
schematics

