Marek Kulesza

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***Electrical Technologist with over a year of experience in manufacturing and quality assurance with a Diploma in Energy Systems Engineering Technology at Mohawk College***

**Qualifications**

* G-Class drivers license with a clean driving abstract
* Experienced in soldering standards, cable routing, and crimping tools
* Proficient in AutoCAD / Microsoft Excel / Google sheets / Outlook / PowerPoint
* Strong assembly aptitude with experience using hand and power tools
* Entry level Programmer and Front-End Developer
* Understanding of Python / OpenCV / Custom Cascades / QtPy5 (GUI)
* Able to create a standalone program with Input and Output files

**Work Experience**

**Electrical Manufacturer (Co-op);** *Cimtek Inc., Burlington, Ontario,* January 2017 - January 2018

* Integrated electrical systems by performing continuity tests and troubleshooting
* Interpreted electrical schematics for customer specific panels on custom machines
* Ensured the correct use of tools to properly terminate power and communication wiring
* Soldered through-hole and surface-mount parts onto printed circuit boards
* Assembled cables daily and routed them through quality assurance systems
* Created an assortment of wiring harnesses for active projects

**Electrical Assembler (Contract)**; *GVA Lighting, Oakville, Ontario,*  June 2020 – Aug 2020

* Programmed thousands of circuit-boards with a PIC programmer
* Inspected and tested circuit boards after mass production to quality standards (250 daily)
* Assisted with final assembly to certain meat deadlines to help production
* Taught basic electrical/ computer/ soldering skills to co-workers
* Repaired circuit boards with component level issues after failing testing

**Education**

**Energy Systems Engineering Technology;** *Mohawk College, Hamilton, ON* September 2014 - April 2018

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| * Electrical power generation and distribution * Power protection and management * Electrical design and drafting | * PLCs and industrial networking * Control systems and VFDs * Project Management |
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**Software Development**; Mohawk College, Hamilton, ON Expected Graduation 2023

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| * Python * Web development (HTML CSS JavaScript) * C# * AWS (Amplify) | * Machine Learning * GUIs * Machine Vision |