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 / Tensorflow / 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

- Electrical power generation and distribution
- Power protection and management
- Electrical design and drafting
- PLCs and industrial networking
- Control systems and VFDs
- Project Management

Software Development; Mohawk College, Hamilton, ON   Expected Graduation 2023

- Python
- Web development (HTML CSS JavaScript)
- C#
- Machine Learning
- GUIs
- Machine Vision