Keil Martin

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**OBJECTIVE STATEMENT:** To obtain a full-time position as an Engineering Technologist where my organizational skills, interpersonal skills, and my willingness to learn and challenge myself will give me the opportunity to apply this skill set, in order to learn valuable assets and further advance my knowledge in my career.

PROFESSIONAL PROFILE

* Excellent communication skills to maintain efficiency in work settings
* Can effectively take a project from start to finish independently or within a team
* Many years of experienced team-oriented work environments
* Skilled in various Microsoft Office Applications including but not limited to; Excel, Word, Project and Outlook
* Prominent problem-solving skills and quick decision-making abilities
* Advanced knowledge of AutoCAD, AutoCAD Electrical, and MicroStation
* Continually advancing my knowledge of new programs and computer skill through online courses
* Knowledge of theory and principles on electronic devices and digital circuits

EDUCATION

*Advanced Diploma, Electrical Engineering Technology, Co-op* | Georgian College, Barrie Campus, Barrie, Ontario

* Completed OACETT Recognized Tech Project with Top Honors
* Relevant Coursework: AutoCad Electrical Layouts/Circuits, Protection and Control, Hydro codes and Standards

ACADEMIC EXPERIENCE

*Georgian College, Barrie, Ontario* | SEPTEMBER 2014 – AUGUST 2017

* Experience in preparing and interpreting electrical engineering drawings
* Knowledge in designing, planning, and selecting electrical equipment to upgrade infrastructure
* Experience using industrial instrumentation for troubleshooting, process measurements and process control
* Have conducted Earth resistivity experiments in order to understand the effects of electricity on the environment
* Performed power distribution per unit calculations for grid system analysis
* Completed robotics courses that explored the operation, programming, and servicing of modern industrial robots
* Coordinated overcurrent protection schemes used in large manufacturing or utility environments.
* Analyzed protection event reports to determine correct protection system function
* Knowledge of programming languages, data communication standards, network adapter configurations and networking hardware
* Used Python and other similar programming languages to design and build an OACETT accredited tech report project
* Developed functional design, hardware configuration, programming, and application of Programmable Logic Controllers
* Worked with AC and DC motor drives to understand and examine different load conditions and internal settings
* Incorporated theory and the applications of practical experience obtained from the manufacturing, robotics and computer communications, and utilities industries

WORK EXPERIENCE

2018 (Co-op Term)

*Design Technician Co-op - Transportation Services Department | The Regional Municipality of York | Sharon, Ontario*

* Design traffic control signals, Conduit Systems, traffic control devices and illumination equipment
* Able to prepare contract drawings, bill of materials, tenders, specifications and documents
* Dealt with internal as well as external sources to facilitate certain procedures and implementations
* Modify, update and mock up (as-built) engineering drawings to improve safety and follow specifications
* Update records within databases and engineering project files; also able to prepare financial projections
* Helped determine project feasibility, logistics and construction staging
* Participated in development, implementation and evaluation of initiatives affecting cycling infrastructure
* On-site construction inspection to ensure standards are met and contractors’ work matches the proposed design

2017 (Co-op Term)

*Field Work - Trans Power* | *LIUNA 183* | *Toronto, Ontario*

* Install conduit, hydro poles, vaults and tap boxes for residential neighborhoods and road crossings
* Interpret all necessary information from various electrical plans
* Onsite quantity verification with supported measurements

2016

*Carpenter - Framer* | *LIUNA Local 183* | *Barrie, Ontario*

* Cut and assemble framing lumber needed to build new residential buildings
* Read and interpret blueprints when planning the construction of the project
* Delivered, received and distributed supplies and building materials

2013 – 2015

*Lead Pressman | Premier Foil Graphics* | *Markham, Ontario*

* Worked on a variety of foil stamping/embossing presses ranging from automatic to semi-automatic
* Dealt with customers through daily operations as well as minor customer relations
* Performed quality control procedures ensuring all work was adhering to standards upheld by shop

CONTINUED LEARNING

* Circuits & Electronics: Basic Circuit Analysis, MITx by Massachusetts Institute of Technology
* Introduction to Computer Science, Harvardx by Harvard University
* Computing in Python 1: Fundamentals and Procedural Programming, GTx by The Georgia Institute of Technology

CERTIFICATIONS

* Standard First Aid with CPR-C including AED Training
* Working at Heights
* Global Harmonized WHMIS
* Defensive Driving
* Full G license
* SafeSmart Certified

AFFILIATIONS

2017 – Present

Ontario Association of Certified Engineering Technicians and Technologists Associate Member (OACETT)

**REFERENCES AVAILABLE UPON REQUEST**