



MCC Toronto

Electrical Engineer

EDUCATION:

- Bachelor's Degree in Electrical Engineering

YEARS OF EXPERIENCE:

5 – 10 years of experience in electrical engineering.

REQUIRED KNOWLEDGE:

- 5 to 10 years experience in electronic Hardware and software development
- Familiarity with control systems
- IOT experience required
- Knowledge of automotive communication protocols like CAN and LIN.
- PCB layout
- Proven electrical and electronic design skills with expertise in at least one EDA tool.
- Preference is Microchip PIC
- Solid programming background with experience in C for microcontrollers. Visual Studio required.
- Able to work independently in a fast paced environment
- Extensive knowledge of electrical/electronic systems and basic knowledge of mechanical systems
- Thorough knowledge of 12v/24v DC and low voltage AC (120, 220, 400 VAC etc.) components and associated wiring
- Self starter, must be able to identify the next sequential task
- Familiar with MS Office
- Able to use MRP/ERP System
- Exposure to Military or other government projects
- Able to read/interpret government specs

BRIEF JOB DESCRIPTION:

- Develop microcontroller and embedded systems for the control of mobile HVAC systems
- Develop embedded software for next generation control systems with a focus on IOT
- Electrical, power management and control systems for HVAC products
- Produce detailed electronic schematics, BOM's, drawings, documentation, verification and test plans specific to customer and project requirements
- Liaison and periodic travel to end customers
- Will liaison with vendors for technical information and specifications
- Assign part and drawing numbers and create BOM's
- Identify electrical/electronic components, connectors and wiring required too be used in new and existing products
- Assist in fabrication of prototypes testing and samples for production when required
- Participate in preparation of bid/proposal documents
- Product qualification testing



Mobile Climate Control

Position available immediately.

To apply, please email Nancy Barrett at nancy.barrett@mcc-hvac.com

Mobile Climate Control encourages applications from all qualified candidates. Please contact Nancy Barrett at nancy.barrett@mcc-hvac.com or 1-905-482-2750 ext. 1266 or Cell: +1+647-405-6651 if you need accommodation at any stage of the application process or want more information on our accommodation policies.