



Job Posting

Title: Vehicle Systems Designer/Engineer

Company: Miller Technology Incorporated

Location: North Bay, Ontario

Status: Co-op, Placement, Full-time, Permanent

Company Profile: Miller Technology is a privately owned Canadian business specializing in mobile utility equipment for the mining, tunneling, and construction industries. Established in 1979, Miller Technology has grown to a staff of 50 employees operating out of a 55,000 sq. ft. facility. Miller Technology is ISO-9001 Certified.

Job Description:

The Vehicle Systems Designer is responsible for designing vehicle electrical systems, software development, creating documentation and functional descriptions of custom mobile utility equipment for use in underground mining.

Qualifications:

Minimum Required Skills and Experience:

- BS in Mechatronics Engineering, Electrical Engineering, Mechanical Engineering, Computer Engineering, or Computer Science
- Minimum 2+ years of experience with proven technical and professional skills in a job-related to electric vehicle systems/equipment development
- Experience in MATLAB/SIMULINK Modeling and auto code generation
- Electrical systems development/integration ranging between 12-700V
- Familiarity with modern programming languages (C/C++, SQL, Python)
- Ability to wear many "hats" and work under evolving requirements

Nice to have Skills and Experience:

- SolidWorks and/or SolidWorks Electrical
- MS in Mechatronics Engineering, Electrical Engineering, Mechanical Engineering, Computer Engineering, or Computer Science
- Knowledge and experience with CAN, LIN, or Ethernet communications protocol
- Familiarity with North American and European Charging standards such as SAE J1772 or IEC 63110/ISO 15118 is considered a significant asset
- Experience with underground mobile utility equipment considered an asset

Working Conditions

- Office and industrial
- Travel may be required



Work Hours

- 8:00 am - 5:00 pm, Monday to Friday
- Extended hours may be required

If interested in this opportunity, please forward your resume to kconnolly@millertechnology.com

Miller Technology would like to thank all applicants however only those selected for an interview will be contacted.

Miller Technology is an equal opportunity employer, welcoming and encouraging all applications.

Date posted: November 18, 2020.