



HLS HARD-LINE SOLUTIONS INC.

53 Main Street West, P.O. Box 908 Dowling, ON Canada P0M 1R0
(+1) 705-855-1310 fax (+1) 705-855-9463 **HARD-LINE.COM**

SOFTWARE DEVELOPER

DIVISION:	Research and Developments
DEPARTMENT:	Technology
LOCATION:	Sudbury, hybrid and fully remote options are also available
REPORTS TO:	Software Development Manager

Introduction

HARD-LINE is a global leader in mine automation, remote-control technology, and mine production optimization. We are actively developing and deploying cutting-edge technologies that are actively being used for the tele-remote control and automation of various types of industrial equipment. This is making heavy industry safer, more efficient, and more innovative.

Opportunities are available to contribute to a full chain of technologies from embedded languages up to and including machine learning. These technologies are being invented, designed, and implemented in-house by our world class development team.

We are looking for ambitious and driven people that are eager to learn new technologies in a friendly and dynamic team. There are openings for team members at all levels of skill and experience to contribute to a wide variety of projects.

We promote honesty, transparency, and adapting to change. Come and join us to build the future of industry and work to increase production, safely.

Job Summary

Reporting to the Software Development Manager, the Software Developer is responsible for designing fully functioning, debugged code with required documentation that meets HARD-LINE's development goals. The Software Developer will have expertise in one of the following areas:

- UI/UX Developer
- Embedded Developer
- Robotics Developer
- Machine Learning and Computer Vision

Key Areas of Responsibilities and Associated Duties

- Design, implement and test major software features in collaboration with multi-disciplinary teams to develop new software for a variety of HLS products
- Define, design, and implement multi-tiered object-oriented distributed software applications
- Integrate new and existing software into new and existing machinery
- Maintain and modify existing applications
- Perform custom programming as assigned
- Debug and test software implementation

Qualifications

- Degree or enrolled in Computer Science, Computer Engineering or Software Engineering or equivalent experience is required
- Experience as a Software Developer is preferred
- Experience working in an ISO 9001 environment would be considered an asset



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Core Competencies

- Possess advanced communication skills both technically and non-technically (verbally and in writing)
- Strong technical skills
- Ability to work in a collaborative software development environment
- Multitasking and shifting priorities
- Adaptability
- Decision making skills and analytical skills
- Ability to prioritize and manage time effectively
- Experience in developing products
- Working knowledge of real-time systems or control systems
- Development experience with C#, C++, and .NET
- Experience with Unix-based operating systems
- Experience with source control management such as git
- Experience in robotics, automation would be considered an asset
- Working knowledge of CAN Bus, serial and ethernet protocols would be considered an asset
- Familiarity with LIDAR would be considered an asset

Working Conditions & Physical Demands

- Sitting for extended periods using office equipment
- Office environment
- Some travel may be required

The above statements are intended to describe the general nature and level of work being performed by people assigned to this classification. They are not to be construed as an exhaustive list of all responsibilities, duties, and skills required of personnel so classified. All personnel may be required to perform duties outside of their normal responsibilities from time to time, as needed and instructed by management.