Hemisphere GNSS

Job Title: Machine Control Software Engineer
Location: USA or Canada can be remote. Our main offices are in Scottsdale, AZ or Calgary, AB
Department: Engineering
Reports To: Senior Software Engineer

To Apply send your resume to: Aebert@hgnss.com or HR@hgnss.com

☒ **Full-Time**   ☐ **Part-Time**   /   ☒ **Exempt**   ☐ **Non-Exempt**

Summary

Develop, maintain, and enhance applications for machine control and guidance.

Essential Duties and Responsibilities

- Develop and maintain applications for machine control and guidance
- Test and improve code quality
- Review requirements, specifications, and designs to assure product quality
- Travel domestically and internationally up to 20%
- Other duties as assigned by Executive Team
- Maintain policies and compliance with all Company procedures

Supervisory Responsibilities

This position will not supervise direct reports

Education and/or Work Experience Requirements

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required.

Education and/or Experience
- Bachelors or Masters Degree in Computer Science, Engineering, or Applied Science
- Minimum 5 years' experience in machine control application software development
- Experience working in a team environment using a version control system

Practical/Technical Skills
- Programming experience developing machine control applications for Windows, Android or Linux. 3D machine control experience is desirable.
- Proficient in C/C++.
- Experience with CAN and J1939. Knowledge of CANopen would be a plus.
- Proficient in geometry, transformations, and vectors.

Computer Skills
- Proficient skill level in Microsoft Office Suite – Word, Outlook, PowerPoint and Excel
- Internet search processes and research abilities

Certificates, Licenses, Registrations
- N/A

Language Skills
- Excellent verbal and written communication skills, including ability to effectively communicate with internal and external customers
- Ability to effectively present information to customers, clients, management, board of directors and other employees of the Company in small group situations, public groups, and/or one on one

Reasoning Ability
- Ability to define problems, collect data, establish facts, and draw valid conclusions
- Ability to read, analyze, and interpret advanced scientific and technical journals, and to respond to common inquiries or complaints from customers or regulatory agencies
- Ability to interpret an extensive variety of technical instructions in mathematical or diagram form and deal with several abstract and concrete variables
- Ability to write technical documentation in a clear and concise manner

Other Skills and Abilities
- Excellent attention to detail
- Ability to work well within a team
- Must be able to work under pressure and meet deadlines, while maintaining a positive attitude and providing exemplary customer service
- Ability to work independently and to carry out assignments to completion within parameters of instructions given, prescribed routines, and standard accepted practices
- Ability to handle high level of confidentiality regarding product information
- Excellent planning, time management, communication, and decision-making skills
- Ability to work with minimal supervision
- Must be flexible and can adapt to a changing environment
- Strong organizational skills with ability to prioritize tasks as appropriate