

Hemisphere GNSS

Job Title: GNSS Engineer
Location: Scottsdale, AZ, USA or Calgary, AB, Canada
Department: Engineering
Reports To: Manager, GNSS Engineering

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

Summary

To provide GNSS technical expertise for product development. A key participant in the engineering management and development GNSS based products.

Essential Duties and Responsibilities

- Ensure GNSS products are designed and perform in accordance with specifications through continuous on-going test and monitoring
- Ensure specifications meet product requirements in conjunction with product managers
- Manage and directly perform product testing to uncover weaknesses and on-going suitability for market issues
- Troubleshoot and determine cause of performance and functionality issues
- Train employees and partners that interface with customers so that they can provide primary product support
- Report and communicate test results, customer satisfaction and support issues
- Manage development of test procedures, test software tools, test fixtures and training materials
- Track and document releases of the Core group software releases. Communicate new features of GNSS products and provide test plan for integration of new features
- Participate in planning by providing experienced based input to next generation product design
- Within own specialized sphere, direct and/or perform test/research to expand knowledge of product performance characteristics
- Interpret and evaluate data obtained from various engineering and/or research investigations
- Other related duties as assigned by management and executive team

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

- Ph.D. or Master's Degree in Engineering or Applied Science
- Minimum 5 years in direct GNSS applications
- In depth understanding of GNSS systems and applications, including general theory, mathematical concepts, applications, limitations, etc.
- Practical experience in the use and implementation of GPS-based guidance and control application products, including systems, antenna/LNA, radio and GNSS receiver integration

Practical/Technical Skills

- Operation of specialized equipment
- Specialized Knowledge
- Knowledge of specific processes (e.g., quality, manufacturing, supply chain, etc.)

Computer Skills

- Excellent computer proficiency (MS Office – Word, Excel, PowerPoint and Outlook)
- Internet search processes and research abilities
- C and C++ applications
- GNSS, particularly for applications on aircraft and/or ground vehicles
- MATLAB

Certificates, Licenses, Registrations

- Membership in Professional Engineering Association is desirable
- Membership in Project Management Institute is desirable

Language Skills

- Above average verbal and written communication skills are required in this position including above average ability to read and comprehend instructions, correspondence, and memos
- Ability to read, analyze, and interpret common scientific and technical journals, financial reports, and legal documents and to respond to common inquiries or complaints from customers or regulatory agencies
- 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 interpret an extensive variety of technical instructions in mathematical or diagram form and deal with several abstract and concrete variables

Other Skills and Abilities

- Technical ability and confidence
- Clarity of information
- Accuracy and quality of analysis
- Ability to share knowledge and educate others
- Excellent verbal and written communication skills, including ability to effectively communicate with internal and external customers
- Excellent attention to detail
- 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 work with minimal supervision
- Ability to handle high level of confidentiality regarding product information
- Excellent planning, time management, communication, decision-making and organizational skills