



Electrical Engineer

Gladiator Technologies, Inc. (www.GladiatorTechnologies.com) is a growing advanced technology designer and manufacturer of robust high performance MEMS inertial sensors (gyros and accelerometers) and systems. These advanced technology products are used around the world in various applications including aerospace & defense, rail, motorsports racing, automotive testing, airborne, sea and land EO/IR image stabilization, navigation and other markets.

We are currently seeking a full-time Electrical Engineer to join our team at our Snoqualmie, Washington location. Our ideal candidate will be a skilled technical hands-on engineer with practical experience in relevant Micro-Electronics, Sensors, Embedded Systems or Guidance, Navigation and Control systems. Must have the ability to work well in a dynamic and highly motivated team environment. Our work environment is fast-paced and requires team members to have technical aptitude and be detail-oriented, to learn quickly and have strong organizational skills, but most importantly to have a positive attitude and enjoy their job and their peers.

As an Electrical Engineer at Gladiator Technologies, you will play a crucial role in the design, development, and implementation of new and existing products from concept through the product lifecycle using strong technical design and associated project management skills. You will work closely with cross-functional teams to deliver reliable and innovative solutions that meet our customers' needs.

Responsibilities:

- Develop detailed schematics for mixed signal printed circuit assemblies (PCAs).
- Create high-quality printed circuit board (PCB) layouts, optimizing for performance, power consumption, and manufacturability.
- Perform circuit simulations and analyses to verify performance and optimize designs.
- Collaborate with design teams to define circuit architectures and functional requirements.
- Develop project plans, perform project management, and apply New Product Introduction procedures for new products.
- Lead project qualification and other test validation initiatives.
- Perform initial circuit testing to verify proper operation and lead new product qualification efforts.
- Provide analytical support for the development and commercialization of inertial products (accelerometers, gyros, IMUs, INS/GPS).
- Perform quantitative analysis on inertial performance test data and guide test process, manufacturing and design improvements.
- Interact with engineering staff to ensure effective development of their knowledge and expertise related to inertial systems development and testing.
- Assist in the specification and development of the hardware and software systems needed to provide an optimal test environment so that product developments are thorough and complete prior to the product commercialization.
- Support executive management in their pursuit of new technologies which lead the market segments we currently serve including the aerospace, defense, space, and transportation industries.
- Create clear and concise technical documentation, including design specifications, test reports, and user manuals.
- Lead and support documentation associated with specifications, user guides, updates to assembly and production testing per AS9100D / ISO 9001:2008.



- Design and maintain drawings and schematics, functional and acceptance test procedures, failure reports, manuals and all other applicable engineering and production specifications.
- Support troubleshooting of both developmental and production products.
- Provide technical input for customer support activities.
- Perform other related duties as assigned.

Qualifications:

- Bachelor's or Master's degree in Electrical Engineering preferred.
- Proficiency in ORCAD Capture and PSpice software.
- Proven experience (3-5+ years) in analog and digital circuit design, test, and project leadership.
- Excellent proficiency in reading, writing and speaking English.
- Excellent problem-solving skills and attention to detail.
- Strong communication and teamwork skills.
- Ability to manage multiple tasks and projects simultaneously, meeting deadlines effectively.

Preferred Qualifications:

- Understanding of programming languages such as C, C++, Assembly and Python.
- Understanding of microcontrollers, including ARM, PIC, AVR, or similar architectures.
- Familiarity with communication protocols such as I2C, SPI, UART, CAN, etc.
- Understanding of power management and battery-operated systems.

Language Skills:

Ability to read, analyze, and interpret general business periodicals, professional journals such as ION, technical procedures, or governmental regulations. Ability to write reports, business correspondence, and procedure manuals. Ability to effectively present information and respond to questions from groups of managers, clients, customers, and the media.

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.

Physical Demands and Work Environment:

The physical demands and work environment described below represent the activities and surroundings of the positions.

The work is typically performed in an office environment, with a moderate noise level. Frequent presence in the manufacturing and test area is required, where the noise level is moderate to loud with the dust, vibration, and potential chemical exposure that is typical for a small component production environment.

To perform the job, the employee is frequently required to talk and listen on the telephone/TEAMS and in person with individuals and groups. The incumbent is required to read and respond to documents in hard copy and electronic form. The incumbent may need to carry materials weighing up to 50 lbs. and need to bend, kneel, stretch and stand during shift.

Compensation:



The compensation range for this position is **\$120,000 to \$150,000** and is based on experience level, and credentials. The Company offers the following competitive benefits package that attracts, retains talent, and encourages a healthy work / life balance:

- Annual Performance Bonus
- Annual 401k & HSA match
- Medical, Dental and Vision insurance
- Life, AD&D and Long-term Disability insurance
- Variety of discounts for electronics/cell phones, financial services, childcare, groceries, travel, entertainment, and many more
- Various voluntary insurance benefits like legal services, short-term disability, term life insurance and many more
- 17 days of Paid Time Off (PTO) per year based on experience level
- 8 paid Holidays throughout the year
- Monthly cell phone stipend based on position and requirements of cellular usage

Because this position requires potential access to technology controlled under the International Traffic in Arms Regulations (ITAR) or the Export Administration Regulations (EAR), the successful candidate must be a "U.S. person" as defined in the ITAR and EAR. In order to be a U.S. person for ITAR and EAR purposes, you must: (i) be a citizen or national of the United States; or (ii) be a lawful permanent resident (i.e., "green card holder") of the United States; or (iii) have been admitted to the United States as a refugee, or have been granted asylum, provided that you have applied for naturalization within six months of the date you first became eligible, and if not yet accepted, you are actively pursuing naturalization after two years from the date of your application.

About Us:

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Apply Online: jobs@gladiatortechnologies.com or fax us a resume and cover letter: 425-396-1129 (*no phone calls please*)

Gladiator Technologies is an Equal Opportunity Employer and Drug Free Workplace