

Calibration Engineer

Who we are: Laser Technology Inc. (LTI) www.lasertech.com is a company devoted to the design and manufacture of innovative laser-based speed and distance measurement instruments, using ISO compliant and continuous improvement techniques. We maintain an intense focus on providing laser measurement technologies which address real world needs and applications, including speed enforcement, accident investigation, forestry, mining, utilities and surveying, to name just a few.

Our core products are engineered with pulse-laser technology (a.k.a. reflectorless measurement technology) resulting in the ability to measure both distances and speeds. We also specialize in tilt and compass sensors, allowing you to measure heights and azimuth bearings. Our mission from the beginning has been to provide quality products through innovation and dedication.

Who we need: We are looking for a Calibration Engineer who will create, modify and manage software needed for the calibration, verification, and certification of micro-processor based measurement products. Activities also include the support of the engineering staff with the specification, design, hardware startup, and debugging, testing, and final verification of new and existing products.

What you will do:

- Work with developers and project managers to support the preparation of hardware, software, and firmware needed to align, calibrate, and certify new products
- Modify calibration firmware and software to implement new features, functions, settings, and parameters on existing products
- Consult with firmware developers, hardware engineers and other staff to provide interface and operational requirements for calibration tools
- Formulate and design calibration firmware and software using company firmware standards, legacy product methods, mathematical models, industry tools, and new ideas
- Document firmware and software by properly commenting the source code, creating command and error code lists, providing algorithm definitions, creating technical use documents, and storing to the company servers
- Work with firmware developers and test engineers throughout the development process to ensure the successful alignment and calibration of design prototypes and the completion of work needed for the transition of the product to production
- Other duties as needed

What you need:

Qualified individuals will have a minimum of:

- B.S. Electrical Engineering or B.S. Computer Science or 3 years of relevant experience
- Experience in the following programming languages and environments is desired: C, C++, Assembly, Linux, VHDL, and Verilog
- Functional knowledge of electronic design, circuit theory, and troubleshooting PCB's of discrete, ASIC, microcontroller design is required
- Experience with equipment calibration and certification is a plus
- Proficient in Microsoft Project, MS Word, Excel, and Outlook preferred.

How to apply: Qualified candidates please forward resumes to lpowles@lasertech.com Please reference job req 092217E in the subject line. No agencies or head hunters please.

Laser Technology, Inc. is proud to be an Equal Opportunity Employer. Applicants are considered for all positions without regard to race, color, religion, sex, national origin, age, disability, sexual orientation, ancestry, marital or veteran status.