

## ***Immediate Career Opportunity*** **Senior Laser Technician**

**Fibertek has immediate career opportunities available for Senior Laser Technicians at its R&D facility in Herndon, Virginia.** Fibertek is a small business that has been around for over 35 years. Our laser experts have worked on major NASA space altimeter missions to unique DoD application such as underwater lidar systems. We have a state-of-the-art laser clean room laboratory facility. We are looking for a senior laser technician that is willing to learn from our experts, build, align and characterize state of the art laser systems.

The successful candidate will thrive in a small-company environment (more autonomy), have direct hands-on experience with diode pumped solid state lasers operating in the UV/VIS/IR wavelengths, willing to ask questions and has a passion to see what they build get used for a novel application like space communications.

### **Job Overview**

You will support the integration and test of advanced laser systems. You will usually work with a team of laser, mechanical and electrical engineers and assist in designing and building a unique packaged system that can withstand a wide operational environment. The work load will at times include multiple concurrent projects with a mix of short duration research programs and longer duration technology maturation programs.

### **General Duties**

- Contribute to the integration and test of unique laser designs through working independently with guidance from the engineering staff to set up test equipment that requires interpretation of data, including oscilloscopes, signal generators and other specialized equipment to test, align, calibrate, and troubleshoot laser system performance.
- Document the laser system build and test and communicate results and issues with the engineering staff.
- Responsibilities range from cleaning & processing components, optical sub-assembly fabrication, laser resonator alignment, resonator optimization and system characterization.

### **Basic Qualifications**

- Associates Degree in Electro-Optics w/ a minimum of 5 years of direct hands-on experience building, aligning, optimizing and characterizing laser systems
- Knowledge of the laser theory and industry best practices associated with diode pumped solid state laser systems including continuous wave lasers, Q-Switched lasers, single-frequency injection locked lasers, electrical and thermal sub-systems
- Ability to execute experiments validating laser system performance, document and communicate the results to the engineering staff
- Strong communication and documentation skills for efficient multidisciplinary communication
- US citizenship required

Fibertek, Inc is located in the center of northern Virginia's technology corridor, and in close proximity to the world-class cultural venues in our nation's capital and the wide range of outdoor activities offered in the Blue Ridge Mountains and Chesapeake Bay areas. Fibertek fosters a progressive learning environment that values inspiration, promotes professional challenge and encourages personal growth. We offer competitive compensation and an excellent benefits package that includes a flexible work schedule, comprehensive medical insurance and a 401k plan. Relocation assistance will be available.

To explore this opportunity further, please send your resume to [hr@fibertek.com](mailto:hr@fibertek.com). Fibertek is an Equal Opportunity and Affirmative Action Employer - M/F/D/V.