

Career Opportunities

Senior Electrical Engineer

Fibertek has an exciting career opportunity available for a Senior Electrical Engineer at its R&D location in Herndon, Virginia

Fibertek is an internationally recognized leader in the development of state-of-the-art electro-optic solutions for the Military, NASA and Aerospace markets. We specialize in the design, development and manufacture of advanced laser transmitter systems and sophisticated electro-optical sensors. Our over 30 years of industry knowledge and technical expertise has led to a successful history of technology and product deployments ranging from under-sea to deep space applications and covering the optical spectrum from the UV to mid-infrared.

Job Overview:

The Senior Electrical Engineer will work on small teams to develop the electronics for Fibertek's electro-optical systems. The engineer will perform a wide range of engineering tasks primarily involving circuit and system design, analysis, and documentation. The work will include board and system-level integration and test. The work load will at times include multiple concurrent projects, with a mix of small, quick-turn projects and larger, longer-term projects.

General Duties:

- Analog and mixed-signal circuit design
- Board and system level development, integration, and test
- Testing/debugging and analysis
- Preparation of test reports, design documents and other documentation as necessary
- Participation in field tests and experiments
- Contributing to technical proposals

Qualifications:

- BSEE with a minimum of 10 years of design experience
- Experience with high-speed electro-optical receiver design
- Experience with DC power supply design
- Experience with low-level signal detection and ADCs
- Experience with integration, test, and troubleshooting
- Strong communication and documentation skills
- US citizenship required

Bonus Qualifications:

- Experience with detector technologies, such as PIN, APD, SiPM, and PMT
- Experience with LIDAR systems
- Experience with imaging systems

To explore this opportunity further, please send your resume to jobs@fibertek.com. Fibertek is an Equal Opportunity Employer (EOE), qualified applicants are considered for employment without regard to age, race, color, religion, sex, national origin, sexual orientation, disability, or veteran status.