

FIBERTEK, INC.

AN ADVANCED PHOTONICS COMPANY

13605 DULLES TECHNOLOGY DR
HERNDON, VA 20171
703-471-7671

Analog Electrical Engineer

Fibertek, Inc. (www.fibertek.com) is a leading developer of electro-optical systems for the aerospace community, with key contributions to earth-sensing, laser communications, and lidar sensors for NASA, DoD, and commercial customers. We are looking for a highly motivated individual to join our team with the ability to perform a wide range of engineering tasks primarily involving circuit and system design, analysis, and documentation.

Your Job

The Analog Electrical Engineer will contribute to the development of products in our R&D division. The selected candidate will work in small teams to develop, maintain, and upgrade the electronics in Fibertek's electro-optical systems. The workload will at times include multiple concurrent projects, with a mix of small, quick-turn projects and larger, longer-term projects. Your role will include:

- Analog circuit design (drivers, power supplies, amplifiers, etc.)
 - 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.
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Desired Skills and Experience

- BSEE with a minimum of 5 years of applicable work experience
 - Experience with circuit-board design
 - Experience with design of DC power supply circuitry
 - Experience with design of analog driver circuitry
 - Experience with electronic hardware integration, test, and troubleshooting
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Bonus Skills and Knowledge

- Experience with spaceflight hardware design and component selection
 - Experience with laser diode driver circuit design
 - Experience with low-level signal detection and ADCs
 - Experience with high-speed electro-optical receiver design
 - Experience with detector technologies, such as PIN, APD, SiPM, and PMT
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Why Fibertek, Inc?

FIBERTEK, Inc. is a recognized leader in advanced laser, lidars and laser communication systems providing our DoD, NASA and Aerospace customers discriminating capabilities. We pride ourselves in our innovation and customer success focused culture enabled by a creative and relaxed work environment with minimal bureaucracy. Fibertek is in the center of northern Virginia's technology corridor and near the world-class cultural venues in our nation's capital and a wide range of outdoor activities offered in the Blue Ridge Mountains and Chesapeake Bay areas. We are within walking distance of the DC metro station opening in 2020. Fibertek fosters a progressive learning environment that values inspiration, promotes professional challenge and encourages personal growth. We offer competitive and incentivized compensation package with excellent benefits.

How to Apply

Send your resume to jobs@fibertek.com.