

FIBERTEK, INC.

AN ADVANCED PHOTONICS COMPANY

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

Electronics Engineer

Fibertek, Inc. is a leading developer of laser and electro-optic systems for the aerospace community, with key contributions to lasers for atmospheric sensing, laser communications, and lidar sensors for NASA, DoD, and commercial customers. We are looking for a highly motivated individual to join our division at Adelphi, MD to evaluate electrical systems, products, components, and applications by designing and conducting research

Your Job

The successful candidate will provide scientific, engineering, and analysis in the areas of RF Electronics including but not limited to analog, mixed signal, microwave, and millimeter wave electronics based primarily upon silicon and III-V materials. The individual shall complete RF Electronics support activities. You will join an agile small business that has a dedicated team of technology and business leaders with 35 years of success behind them. Your role will include:

- Develop and maintain digital circuit component design and fab capability and requisite Computer Aided Design (CAD) tools and modules
- Develop and maintain secure design and fabrication capability and requisite Computer Aided Design (CAD) tools and modules
- Run commercial and ARL-developed CAD codes on high performance computing platforms
- Report on outcomes and conclusions
- Specific, but not limited to tasks:
- Develop three-dimensional integrated circuits (3D-IC) for secure fabrication and obfuscated designs, leveraging their prior experience in this field.
- Develop low power / energy efficient electronics in support of the Silicon Research Teams efforts in the energy efficient electronics and photonics (E3P) program.

Required Skills and Experience

- Bachelor's degree, minimum (higher degree desired), in STEM preferred.
- 10 Years' experience in field desired.
- Good communication skills to discuss issues and potential solutions with other groups and personnel to find answers to a new problem set.
- MS Suite of office applications
- Good attention to detail and documentation
- Strong work ethic, positive attitude, self-starter, punctual and good attendance record with the desire to develop professionally
- Must have or be able to obtain a secret clearance
- US Citizenship required

Why Fibertek, Inc?

FIBERTEK, Inc. is a recognized leader in advanced lasers, 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 fosters a progressive learning environment that values inspiration, promotes professional challenge and encourages personal growth. We offer a competitive and incentivized compensation package with excellent benefits.

Fibertek, Inc. is an equal opportunity and affirmative action employer. Applicants are considered regardless of race, sex, disability, veteran status or any other protected characteristic in accordance with applicable law.