



Antennas, Photonics, & RF Communications

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POSITION DESCRIPTION

RF/Microwave Engineer

Pharad, LLC develops state-of-the-art antenna, photonic and wireless communications products. We are seeking a RF/Microwave Engineer to join our highly skilled engineering development team to support the development and implementation of unique antenna, photonic and wireless solutions. The ideal candidate will possess a diverse skill set for developing and testing radio frequency, microwave, and photonic circuits and subsystems for analog and digital applications. Salary will be commensurate with experience.

Responsibilities:

- Participate as a member of the engineering team that designs, develops, prototypes, and tests our advanced products.
- Test and evaluate RF/Microwave prototype and product hardware.
- Develop testing procedures and instrumentation control software.
- Model, simulate and evaluate the performance of RF/Microwave systems for a variety of wireless communications and sensing applications.
- Document designs and/or test plans through a standard process for implementation by engineers and relevant support staff.
- Support interactions with customers.

Position Requirements:

- BS or MS in Electrical Engineering or physics with emphasis on RF/Microwave systems
- Broad understanding of electromagnetic concepts and commitment to the development of RF, Microwave and Photonic technology for application to analog and digital systems
- Experience with a range of test and measurement equipment, laboratory prototyping tools
- Experience with basic laboratory and numerical simulation programming languages and software packages (MATLAB, LABVIEW, C, ...).
- Experience in using RF design tools (such as ADS, etc.) and full-wave RF/antenna analysis tools (such as CST, etc) or interest in developing these skills is a plus
- Experience and familiarity with photonic technology is a plus
- Familiarity with high speed A/D, D/A and DSP and FPGA hardware is a plus
- Strong analytical skills and ability to identify problems and solutions
- Must be a self-starter, motivated and able to work independently with minimum supervision
- Goal oriented, and a team player with good interpersonal skills
- Possess a strong work ethic
- Demonstrated ability to plan, organize, prioritize and finish tasks
- Strong verbal, presentation and written communication skills
- US Citizens only