

POSITION DESCRIPTION

Sr. Electrical Engineer

Pharad, LLC develops state-of-the-art antenna, photonic and wireless communications products. We are seeking a Senior Electrical 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 allowing independent development and testing of control circuits/boards and analog mixed signal circuits/boards as well as digital control and signal processing hardware for radio frequency, microwave and photonic systems/subsystems. Salary will be commensurate with experience.

Responsibilities:

- Participate as a member of the engineering team that designs, develops, prototypes, and tests our advanced products.
- Model, simulate and evaluate the performance of analog and digital circuits for a variety of wireless communications and sensing applications.
- Design, layout and test control circuit boards for photonic and RF subsystems.
- Test and evaluate analog mixed signal interface circuits for ADC, DAC, DSP and FPGA based subsystems.
- Document designs through a standard process for implementation by engineers and relevant support staff.
- Develop test plans to validate the performance of designs.
- Assist in the measurements of developed antenna, photonic and RF systems and subsystems.
- Support interactions with customers.

Position Requirements:

- MS or PhD in Electrical Engineering or BS with equivalent experience (>5 years)
- Demonstrated experimental skills and experience in practical implementation control and analog mixed signal circuits
- RF engineering design experience (active and passive) 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