

POSITION DESCRIPTION

Antenna Design Engineer

Pharad, LLC develops state-of-the-art antenna products and wireless communications products. We are seeking an Antenna Design Engineer to join our highly skilled engineering development team to support the development and implementation of unique antenna solutions. Salary will be commensurate with experience.

Responsibilities:

- Participate as a member of the engineering team that designs, develops, prototypes, and tests our advanced antenna products.
- Model, simulate and evaluate the performance of antennas and RF systems for a variety of wireless communications and sensing applications.
- Design and analyze new antennas and antenna systems.
- Document antenna designs through a standard process for implementation by engineers and relevant support staff.
- Develop test plans to validate the performance of antenna designs.
- Assist in the measurements of developed antenna and RF solutions.
- Support interactions with customers.
- Assist in the management of antenna development activities including: organizing research and development work and coordinating with other engineering disciplines to create cohesive and robust design solutions.

Position Requirements:

- MS or PhD in Electrical Engineering, or related field
- Excellent understanding of electromagnetics, antenna theory, and RF systems
- Experience in design and development of antennas, in particular printed antennas
- Experience in development of RF/microwave systems
- Experience in using full-wave RF/antenna analysis tools (such as CST, etc)
- Strong analytical skills and ability to identify problems and solutions
- Demonstrated experimental skills and experience in practical implementation of antenna and RF systems
- Experience in measuring the performance of antennas (return loss, radiation patterns and gain)
- Additional RF engineering design experience (active and passive) is a plus
- 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