EM Research
https://emresearch.com

POSITION TITLE: Electrical Engineer

POSITION LOCATION: Reno, NV

POSITION DESCRIPTION:
EM Research is seeking an Electrical Engineer to join the team. The Electrical Engineer will help design, develop, implement, maintain, test, and continue to improve EM Research’s continuously growing product line. The Electrical Engineer will use research and development as means to create or modify EM Research’s products and any necessary documentation while working alongside other engineering departments, manufacturing, sales, customer service, purchasing, quality assurance, and QMS/ISO. Duties and responsibilities include, but are not limited to:

- Able to create the necessary documentation for various components and products
- Researching and developing
- Able to read design specifications and technical drawings
- Designing, developing, implementing, maintaining, testing, and continuing to improve products
- Assembling, testing, and maintaining circuitry on electronic components
- Able to work with PCB boards
- Able to build prototypes from specifications and drawings
- Testing electronic units, using standard test equipment, and analyzing results to evaluate performance and determine need for adjustment
- Operating computer-assisted engineering and design software (AutoCAD, Microwave Office, Ansoft, and ADIsimPLL)
- Developing products by identifying customers’ requirements and researching and testing manufacturing and assembly methods and materials
- Assuring product quality by designing electrical testing methods and also testing finished products and system capabilities
- Needing to be able to project manage and multitask
- Recording, analyzing, and interpreting test data
- Carrying out studies for new technical innovations
- Planning and implementing research, methodology, and procedures to apply to principles of electronic theory to engineering projects
- Able to help coordinate release of new and/or revised products
- Able to work alongside other engineering departments, manufacturing, sales, purchasing, quality assurance, and QMS/ISO
- Providing customer support and education, working with users to identify needs, determining sources of problems, and providing information on product use

REQUIRED QUALIFICATIONS:
- Bachelor’s degree in Electrical Engineering or more than five years of RF design experience
- Able to follow all EM Research processes and procedures
- Strong decision-making skills
- Excellent communication skills (written and verbal)
- Ability to use microscope and ability to solder
- Uses logic and reasoning to identify strengths and weaknesses of alternative solutions, conclusions, or approaches to problems
- Ability to work independently with minimal supervision
- Ability to understand range of engineering functions and procedures
- Organization and time management skills
- Ability to follow tight deadlines

**HOW TO APPLY:**
Interested applicants should email contact information and resume to Mike Fena at mfena@chromalloy.com.