



RF Engineer

The RF Engineer will help drive new Copper Mountain Technologies (CMT) VNA solutions and support current ones used by customers all over the world. Our USB VNAs are next generation analyzers designed to meet the needs of 21st Century engineers. Our VNAs include an RF measurement module and a processing module, a software application which runs on a Windows PC, laptop or tablet, connecting to the measurement hardware via USB interface. CMT was awarded innovation and product leadership awards by Frost & Sullivan in 2015 and 2017.

The RF Engineer will be responsible for identifying new comprehensive test & measurement solutions based on USB VNAs, driving the integration of new requirements and evolving current product feature set. This individual will conduct market and customer analysis, work closely with Development, Marketing and Sales, and ensure delivery of quality solutions to customers. Take this opportunity to join a great company. This position is located in Indianapolis, Indiana.

Essential Position Functions

- Proactively scopes technical specifications of customer test and measurement applications and designs solutions that meet their needs, whether by incorporating existing CMT products and accessories, or developing new ones.
- Leads resolution of technical issues pre- and post-sales to maximize revenue growth from new and existing customers.
- Collects and analyzes data from customer interactions, market research, and competitive intelligence, for conceptualizing new solution ideas.
- Responsible for documenting detailed solution requirements. Communicates solution specifications using user stories, wireframes, and presentations where appropriate.
- Works closely with Development to design, develop and deliver the solution.
- Carries out responsibilities as a member of the CMT's ISO 17025 certified Calibration Laboratory team.
- Leads application-specific solution development by working with hardware and application development teams to design, develop and deliver the solution.
- Provides customer feedback to hardware and application development teams to improve quality and feature set.
- Works closely with Marketing to develop content for communicating solution value, features and benefits.

Education, Qualifications, Knowledge, Skills, and Abilities

- Bachelor's degree in Electrical Engineering or a related field
- 5+ years of experience in RF system or component design or testing
- Working knowledge of RF system design, test and integration,
- Knowledge of and experience with Vector Network Analyzers
- Knowledge of VNA measurement techniques and VNA metrology principles
- Familiarity with test automation programming environments including LabView, Matlab, .Net desirable
- Ability to communicate technical material clearly, both verbally and in writing
- Ability to work closely with other people to solve challenging problems
- Familiarity with design, troubleshooting and repair of RF systems and devices
- Travel may be required up to 25%