



RF HARDWARE ENGINEER

Resonant Sciences is a world-class research and development firm located in Dayton, Ohio focused on developing and transitioning innovative technologies and solutions to developmental and operational platforms. Our areas of expertise include FSS radome and antenna design and fabrication, custom electronic solutions, and inhouse RF measurements of materials, antennas, radomes, and subsystems. Our technical staff are nationally recognized for contributions to their respective areas of specialization.

A career at Resonant Sciences means that you will be involved in the complete development life cycle, seeing your design evolve from development prototype to incorporating mission requirements to technical specifications into a finished product for field testing.

POSITION OVERVIEW:

We are seeking engineers with education and experience in RF fundamentals to work in a fast-paced RF laboratory developing, building and testing custom electronic systems.

ESSENTIAL FUNCTIONS:

- Work with engineers experienced in RF design and testing, circuit board design, FPGA development, and software development to migrate capabilities from a lab environment to deliverable custom products.
- Work with RF engineers to design, build, and test custom RF electronic solutions.
- Proficiently collect and analyze data using vector network analyzers, laboratory radars, spectrum analyzers, signal generators, and oscilloscopes.
- Analyze design risks, anticipate and mitigate risks when possible, and report concerns to supervisor.
- Work efficiently in an environment without the need for regular, direct oversight.

QUALIFICATIONS:

- BS Degree in Electrical Engineering with at least two years' experience, or MS Degree in Electrical Engineering with an emphasis on RF Hardware Design and Testing.
- Must be eligible to obtain and/or maintain a Secret Clearance. Active clearance is preferred.
- Must be a US Citizen.
- Experience using RF test equipment such as: vector network analyzers, spectrum analyzers, oscilloscopes, and signal generators is required.
- Experience with MATLAB, LabVIEW, HFSS, CST Microwave Studio and C/C++ is preferred.



WHAT'S IN IT FOR YOU?

- Become part of a high-tech work environment that is highly impactful, exciting and collaborative.
- Flexible working environment that enables our employees to balance work and personal life.
- A comprehensive benefits package that includes medical, dental, vision and prescription benefits with extremely low employee cost share for you and your eligible dependents.
- A well-funded Health Spending Account with standard account fees paid by Resonant Sciences.
- 10 Federal Holidays (6 Standard, 4 Floating).
- A flexible Paid Time Off plan for employees.
- A generous retirement plan, subject to plan, IRS and ERISA rules.