



Example of RF Engineer Job Description

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Our company is searching for experienced candidates for the position of RF engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for RF engineer

- Serves as subject matter expert on GSM/GPRS/EDGE/UMTS/HSPA/LTE and emerging technology theory
- Perform custom antenna design work involving embedded systems
- Work closely with other RF and mechanical engineers to meet very challenging antenna packaging and performance requirements
- Perform RF/analog circuit design in support of antenna systems
- Develop methods for modifying systems to include new capabilities
- Perform schematic capture work in support of PCB designs
- Mentor junior engineers to improve technical capabilities
- Assist in providing direction for future product development efforts
- Provide RF design and analysis technical expertise in support of multiple space and weapon system programs and Internal Research and Development (IRAD) projects
- Conduct RF performance analyses including latency and throughput budgets, antenna patterns, radar cross-sections, and link margins

Qualifications for RF engineer

- Expertise in design, integration and testing of SIGINT systems, particularly SIGINT payloads
- Thorough knowledge of systems engineering as applied to satellite/ground architectures, spacecraft and payloads
- Experience with wireless networks or software defined radio

- Strong embedded software debugging skills on real time operating systems
- Good knowledge of RF and analog circuits is highly preferred