



Example of RF Engineer Job Description

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Our company is growing rapidly and is looking for a RF engineer. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for RF engineer

- Provide technical expertise to the Special Communications (SC) Roadmap, Investment Strategy, Strategic Plans, and Enterprise Strategy efforts
- Provide strategic direction from RF Design perspective on new solutions including antenna design, placement, predicted coverage, efficient plumbing
- Create multi-year strategy using various data sources to recommend new solutions for in building and outdoor locations for an every growing HetNET
- Develop design tools/methodologies involving an integration of RF Design and System Performance tools to achieve accurate HetNET solutions
- Interface with Engineering to improve selection process and timeline for RF Design projects
- Create processes and algorithms for junior engineers to increase efficiency
- Identify automation strategies for designing a large number of solutions in short time
- Identify new innovative methods to prioritize capacity solutions and increase efficiency of CAPEX and OPEX
- Work with Regulatory teams to help streamline process to achieve approved solutions in an improved timeline
- Increase teams long range planning skills and design methodologies/tools to work toward an integrated multi-year plan including macros, small cells, ODAS, and carrier adds

Qualifications for RF engineer

- Inoperative systems support as assigned, to include

Warfare/Integrated Air Defense System (EW/IADS) equipment or infrastructure, the generation of change requests to improve operability/reliability/maintainability, and ensuring that applicable CM standards are adhered to

- Highly experienced in the use of RF test equipment such as spectrum analyzers, network analyzers
- Design experience with common RF transceivers, such as ZigBee, Wi-Fi, Bluetooth
- MS Degree in Electrical Engineering desired
- Knowledge of RF systems (ESMR and 3G/4G cellular) and associated RF equipment preferred