Job Title: WIFI RF Engineer

Position Summary:

As a Wireless and RF System Engineer on our team, you will join a dynamic team responsible for qualifying the wireless features and software for the product lines. The successful candidate will drive to ensure the stability and reliability of our WiFi/BT/and IoT chipsets and products. The designation of this role will be based on experience and expertise.

Major Responsibilities:

- Triage and trouble-shooting Wi-Fi enabled Gateways connected to Wi-Fi functionality and Performance
- New Wi-Fi features validations
- Perform Wi-Fi quality assurance testing and triage for devices including phones, tablets, and Smart Tv's. Triage and trouble-shooting Wi-Fi enabled Gateways connected to smart home devices
- Product testing and defect validation
- IoT testing (Zigbee, Bluetooth, Thread, etc.)
- Inter-Op testing (CE, CPE, etc.)
- Testing of Rate vs orientation, Rate vs. Range, etc.including Traffic Generators(iGen, Ixia Chariot, iPerf, etc.)
- Enhanced Wi-Fi feature testing

Required Education / Desired Experience / Desired Skills:

- Bachelor of Science in Electrical Engineering, Computer Engineering, or equivalent degree. Masters degree preferred
- Minimum of 6 years relevant experience in Wi-Fi planning, design, and analysis. Familiar with 802.11 standards and Wi-Fi alliance developments.
- Understanding of 802.11ac standards and specs
- Preferable to have automation experience in any of the scripting or programing languages Coding skills in C/C++ or scripting skills in python/shell
- Excellent communication skills, ability to lead the projects and present them to upper level mgmt.
- Create test lab or customer environment for trouble shooting any issues that may occur in a lab or customer home.
- Understands the data/ results and can interpret the data - communicate them well.
- Able to parse raw Wi-Fi traffic data during troubleshooting and validation efforts
- Strong knowledge on RF propagation fundamentals, including MU-MIMO, Link budget, SISO, MIMO, MCS index and general RF characteristics.

Please note this Job Profile is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities may change at any time with or without notice