

Systems Engineer

Company Overview

G3 Technologies, Inc. (G3T) is a technology-based company that develops innovative wireless products and solutions. G3T is looking for motivated individuals who thrive in a dynamic work culture. We offer a fast paced work environment with several office locations, competitive salary and benefits, 401K matching, and generous profit sharing plan.

G3T maintains significant expertise in RF Communications, Telecommunications, as well as System Hardware and Software engineering allowing it to provide unique solutions to our customer's leading edge problems. Our products range from hand held to room size solutions with rapid development profiles that address real world problems.

Job Description

- Participate in all aspects of product design from concept through system design, component design (hardware & software), component testing, system testing and successful production
- Design and coordinate complex projects with many parts (custom hardware, custom software, 3rd party hardware & 3rd party software) that interact extensively with one another
- Develop and document system designs as well as Systems Integration and Test plans
- Develop and document Interface protocols between G3T developed elements and 3rd party or customer elements
- Assist in the integration and system level testing of all parts of a system until it is working smoothly
 - During this process, the systems engineer will coordinate the work of many specialists as well as test technicians
- Integrate the work of several other engineers, each of whom may be a specialist in one part of a system
- Travel occasionally to interface with customers and provide on-site technical support

Job Qualifications

- BS or higher degree in Electrical Engineering or Computer Engineering
- Project Leadership Experience
- Three or more years experience in one or more of the following disciplines:
 - RF Communications
 - Wireless Telecommunication Systems
 - Layer 3 Protocol Analysis
 - Digital Signal Processing
 - Embedded Systems Design
 - FPGA/Digital Design
 - Structured Software development
 - System Integration and Test
 - System Field Deployment