

Software 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 Software Projects with many parts (custom hardware, custom software, 3rd party hardware & 3rd party software) that interact extensively with one another
- Develop and document system software designs as well as 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

Job Qualifications

- BS or higher degree in Electrical Engineering or Computer Engineering
- Project Leadership Experience

Candidates should also possess strong familiarity with one or more of the following:

- Telecommunication Layer 3 Message parsing and processing
- Object oriented programming concepts & languages such as C++ and/or Java
- Time sensitive embedded data streaming and storage
- Real Time Embedded systems development
- Handheld (PDA, cell phone) SW development
- Embedded Controller (ARM, 8051 type) SW development
- Limited availability, limited bandwidth communication conduit control and data interfacing

The following skills are also highly desired and are considered a plus:

- Multi-threaded/Multi-process software development
- Linux based embedded processing
- Telecommunication protocols (GSM, UMTS, WCDMA, etc.)
- ISO-7816 Interface Development
- VITA-49 Interface Development
- DSP programming/Signal Processing Theory