

G3 Technologies, Inc. is a dynamic company that provides a broad range of technology consulting, M2M and scalable high performance computing solutions for customers worldwide. We are a nimble, non-bureaucratic company characterized by technological innovation, extraordinary effort, and dedication to our customers, employees, and suppliers.

The atmosphere is fast-paced and agile, shifting rapidly to the pressing needs of our customers. Team mentality, excellent work ethic, initiative, innovation, and an entrepreneurial spirit are key factors to your success here. We are located in New Providence, NJ (30 miles west of NYC), and within walking distance of NJ Transit's Murray Hill Train Station.

G3 Technologies has an excellent benefits package including medical, dental and vision for all permanent employees and their family, long-term disability, life insurance, 401K with company matching, as well as a generous bonus plan.

G3 Technologies is looking for a skilled and self-motivated **Software Engineer** to become part of our talented team to work closely with other talented individuals in a challenging and rewarding environment where everyone is a contributor and opportunity abounds.

As a G3 Software Engineer, you will be expected to:

- Develop and document system designs
- Code, test and implement a wide range of software modules
- Provide remote and onsite customer support as necessary
- Study, comprehend, apply and mentor team members in new and novel technologies
- Critique, encourage and mentor other team members
- Be self-motivated, taking independent initiative
- Travel occasionally to interface with end-users and provide support

Mandatory qualifications:

- BSEE or BSCS (MS or PhD preferred): 3.5+ accumulated GPA
- Strong programming skills with 3+ years experience in object orientated programming using C/ C++ or Java
- Experience with at least one commercial source control tool (StarTeam, VSS, Subversion, CVS, etc.)
- Ability to write software/system specifications and test plans
- Development of multi-threaded/Multi-tasking software solutions
- Distributed systems architectures
- Excellent problem solving skills and ability to work well without detail requirements
- Team oriented character
- History of top performance
- Excellent verbal and written communication skills
- Conscientious, detail oriented character

Candidates must possess strong familiarity with one or more of the following focus areas:

- Embedded: Real-time software development using Linux, WindowsCE or other commercial embedded kernels
- Protocol development: Commercial M2M protocols, TCP/IP, wireless/cellular protocols, SNMP, IuB, A and Abis
- Mobile phone development: J2ME, MIDP2.0, Symbian, Android, SIM applications, phone based GUIs, Windows Mobile
- Desk Top GUIs: Custom GUIs using Java and/or C++ for complex applications and database interfaces, client/server implementations, XML

Desired skill set:

- ASN1 and conversion/serialization tools
- Cellular scanner/trace tools : QXDM, Sagem Trace, commercial scanners (DRT, R&S, Agilent)
- Knowledge of wireless telecom equipment (MG, BSS, BTS, MSC and control via SNMP, Telnet)
- Cellular protocols: CDMA2000, 1xRTT, GSM, UMTS
- VHDL/ DSP programming
- Development on FPGA with internal processor (BSP, real-time embedded, custom interfaces, gigabit Ethernet)
- Scripting (Python, Awk, perl)
- Familiar with wireless test equipment and development of wireless/lab production test software (Lab View, scripting etc.)
- SIM development tools, Turbo SIM development

Resumes should be sent to admin.nst@g3ti.net