



G3 Technologies, Inc
219 South Street
Suite 202
New Providence, NJ 07974

PROVIDING NEXT GENERATION WIRELESS SOLUTIONS

G3 Technologies, Inc. is a dynamic company providing state-of-the-art wireless technology solutions, specializing in software development and systems integration. Our development efforts for specialized cellular products offer an innovative and challenging work environment.

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 seeking an accomplished **DSP FPGA/Firmware Engineer** to join our robust team of dedicated individuals. You will have a pivotal role in bringing G3's state-of-the-art solutions to market. As our firmware engineer, you will participate in all phases of product development (design, code/implementation, test, and support).

Mandatory qualifications:

- BSEE (MSEE preferred)
- Minimum 5 years prior experience
- Strong hands-on experience in the development lifecycle from design to simulation running on FPGA
- Proficient in Matlab design and simulations
- Well-developed in VHDL design/code/testing experience
- Expert in communications systems and digital signal processing theory
- Experienced in applying the above skills to wireless systems
- Excellent written and verbal skills

Additional Experience and Skills (a Plus)

- Expert knowledge of CDMA physical layers: CDMA2000, 1xRTT, EVDO
- Good understanding of CDMA/EVDO Layer 2 and Layer 3 protocols
- Knowledgeable in the following areas:
 - UMTS physical layer
 - LTE physical layer
 - C/C++
 - Embedded software
 - Xilinx cores and tools
 - Mixed signal hardware design

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