Senior System Hardware Design Engineer

TERM: Full time
DURATION: Permanent with 3-month probation period
START DATE/ TIME: *ASAP*
LOCATION: Yerevan, Armenia
REMUNERATION/ SALARY: Based on skills and experience
OPEN TO/ ELIGIBILITY CRITERIA: All qualified candidates

"Knightsbridge Wireless Communications" (KWC) is looking for experienced System Hardware Design Engineer**. T**he candidate shall have experience in design of mixed low noise analog and digital signal processing circuit. The Sr. System Hardware Design Engineer will be responsible for electronic circuit design, simulation, supervision and assistance in PCB design, mechanical hardware and packaging design, real-time embedded software development, testing and debugging, participation in evaluation of new components and techniques.

KEY TASKS AND RESPONSIBILITIES:

- Design of mixed low noise analog and digital signal processing circuit for RF/IF system applications including filters, matching circuit, PCB mounted antenna, etc.
- Development of embedded real-time software modules using C/C++ (specifically, low-level functional modules and hardware/software interface modules)
- Setup, maintenance, and calibration of a test bench with measurement equipment such as multi-meter, oscilloscope, logic analyzer, spectrum and network analyzers, etc.
- Collecting, filtering, and developing data analysis to facilitate debugging and failure analysis
- Running performance measurement tests on new devices, analyze data, and generate reports
- Developing system and module design specifications.

REQUIRED QUALIFICATIONS:

- Master's or professional Bachelor's degree in Electronic Engineering or related field
- Experience with Altium Designer schematics drawing and PCB layout design software tool
- Experience with wireless lineup system simulations/analysis using Microwave Office, Sonnet Software, CST Studio Suite, Matlab, Simulink, LabVIEW and Excel spread sheets
- Knowledge of CDMA and OFDM protocols and high-level modulation techniques are desirable
- Strong analytical and problem solving skills
- Excellent English written communication skills (oral English communication skills are desirable)
- Attention to detail, proven ability to prioritize, meet deadlines, and manage priorities
- Proven ability to be flexible and work in a team environment
- Willingness to work outside of normal business hours as needed

APPLICATION PROCEDURES: Please send your CV/Resume in English to: info@kwc-sys.com
In the subject line of your e-mail message, please mention the title of the position you are applying for. Only short-listed candidates will be contacted.

OPENING DATE: January 20, 2016

APPLICATION DEADLINE: February 19, 2016