Our growing company is hiring for an embedded software development. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

**Responsibilities for embedded software development**

- Manage his/her activities in accordance with the expected schedule, budget and quality
- Develop and execute software engineering plans, and manage software engineering schedules and resource allocation and budget
- Drive system level decisions on power, thermal, metrics keeping user experience at highest standards
- Document embedded software requirements, software design, software development, integration of common software libraries modules
- Analyze and improve the performance of current FortiGate embedded and VM product lines
- Design high-efficiency network I/O driver and load balancing algorithms
- Design and implement high performance Next Generation Firewall that supports intrusion prevention, antivirus, web filtering and VPN in virtualization environment
- Explore novel system architectures, including flexible and high-efficiency kernel/user interface
- Leads software development projects following a formal process, including software design, development, code reviews, use of software standards, and testing
- Provides broad application support, analysis, and design related to applications running expansive business systems/functions globally
- Client-Server design and design patterns for middleware
- Knows two or more programming languages, C++ and/or Java, C++ preferred
- Knowledge of real-time embedded OS and has built embedded application with control loops
- Has worked in Agile development life cycle models
- Has experience delivering products with automated unit tests built into the development life cycle
- Bachelor's degree and above in engineering