Our company is looking to fill the role of firmware engineering. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for firmware engineering

- Operational – SESQ member of the PDP process for security feature deployment
- Working closely with the Electrical Engineering Systems Leader, will help conceive, architect and develop a new product platform leveraging both firmware and software as required
- Transform end-user needs into architectures and specifications for software and firmware systems, evaluating candidate designs for their ability to satisfy end-user requirements and meet targets for maintainability, reliability, and testability
- Conduct thorough code design reviews to ensure reliability and mitigate project risk and to ensure proper documentation methods are followed
- Perform firmware and engineering on a variety of complex projects
- Design, implement, and test embedded firmware solutions on different platforms
- Design and develop platform communication protocols
- Design and develop platform database structures and dataflow diagrams
- Develop embedded Linux OS apps on a DSP or microprocessor platform Blackfin or ARM
- Read and interpret board level schematics

Qualifications for firmware engineering

- Knowledge of product management, customer marketing, strategic partnerships and acquisitions would be beneficial

- Technical strength necessary to establish credibility with the various R&D organizations should be balanced by a charismatic and motivational leadership style
- Must be able to think strategically and plan effectively
- Exceptional communicator with an ability to articulate the long-term vision and direction of an organization
- Two or more years of undergraduate education working towards a B.S