Our growing company is looking for an embedded firmware engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for embedded firmware engineer

- Perform advanced technical research on new technologies with electrical engineering and develop prototypes to demo the new technology with the team
- May perform as a Technical Lead or Lead Low-Level Software Engineer for software development projects
- Collaborates and adds value through participation in peer code reviews and technical assessments in areas of expertise, providing comments and suggestions to support software designs and new technologies
- Perform periodic low-level software maintenance on product platforms in production as required
- Study and understand existing firmware and hardware design and implementation
- Develop software building blocks based on design specifications
- Continuously look for areas to introduce and improve automated testing
- Work as part of the team using agile methodologies to help deliver quality product on schedule
- Communicate technical product status to management
- Recommend changes to hardware configurations to improve product performance

Qualifications for embedded firmware engineer

- In-depth understanding of different types of embedded testing (functional testing, stress testing, performance testing, User Interface testing) is required
- Comfortable with lab environment, including system bring up, testing, and debugging
- Knowledge of RTOS, Microprocessor ARM, Computer architecture
- Software tools Configuration management, lint UML
- BS Electrical Engineering required, MS in Electrical Engineering preferred