Our company is growing rapidly and is looking to fill the role of embedded software development. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for embedded software development

- Determines schedule, provides input to technology roadmap and development process, trains other teams, interfaces with customers and industry representatives
- The candidate will be responsible for the design, implementation and maintenance or core platform modules of the appliances
- This position requires software development skills focusing on embedded systems, system administration, scalability and performance
- Ownership of significant areas of the code for both new feature/functionality development to maintain/redesign of the existing areas of the products
- You know programming languages in variety of platforms
- Update of HW devices
- Writing specifications and documentation for relevant parts of the software
- Cooperation with Software Testing Engineers regarding integration and verification on target system
- Product design starting at sensor physics and integrating optical / mechanical design with application firmware
- Firmware and Software development for sensor applications

Qualifications for embedded software development

- Experience with ethernet protocols and simulated messages
- Experience with construction machines and engine electronic architecture
• Bachelor’s in Electrical Engineering, Computer Engineering, or Computer Science from an ABET accredited program, with 5-7 years of experience in product development
• Consumer Electronics user interface development
• Experience with model based software development tools including Matlab/Simulink/Real-Time Workshop/Targetlink
• Excellent program management skills, customer focus, mentoring skills, written and oral communication skills