Our company is growing rapidly and is hiring for an electrical hardware engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for electrical hardware engineer

- Apply understanding of basic business fundamentals, and how the specialized technology area impacts adjacent technical disciplines
- Demonstrate solid/strong technical knowledge to independently select best methods and approaches to solve diverse and moderately complex problems and make accurate and effective technical decisions
- Develop and prepare moderately complex test protocols, incorporating statistics and principals of experimental design
- Develop/expand diversity/global awareness and communicate with cultural sensitivity
- Identify and formulate problems, collect data through observation and experiment, and form, test, and validate hypotheses
- Implement project management practices as needed
- Lead design reviews at the sub-assembly level and may guide the work of support staff
- Proactively identify, communicate, and refer problems or coordination needs to senior staff or supervisors
- Work on diverse assignments of moderate complexity, responsibility for multiple small deliverables within a single specialization area, or work on parts of larger projects
- When escalated to engineering, lead debug and defect resolution in collaboration with engineering, manufacturing engineering, FAEs and repairs as necessary to ensure rapid closure of product issues that may be impacting

Qualifications for electrical hardware engineer

- Familiarity / experience with embedded electronic design
- 2 years of experience in developing a product and preferably taking it to market
- Bachelor's or Master's degree in Electrical Engineering, Computer Engineering or appropriate engineering discipline with 0-2 years of experience
- Proficient in the complete flow of CAD design tools such as Cadence's Concept & Allegro
- Expertise in electronic design, including component selection, schematic design, and schematic capture with tools like Cadence Allegro and OrCAD Capture
- Extensive experience with EE design for digital circuits, including high-speed video interfaces and low-speed serial control interfaces