Our innovative and growing company is looking to fill the role of HW 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 HW engineer

- Define functionality requirements of final products
- Design, build, and troubleshoot test equipment
- Perform review of new product documentation including drawings and component data sheets
- Update documentation of Quality Engineering test procedures
- Work with other Quality Engineers and Quality Technicians to execute Quality Test Plan
- Incorporate test automation and use of robotics in test design
- Perform analysis to determine how systems behave under a variety of fault conditions (environmental,) to determine product weaknesses
- Investigate product field failures by reproducing them in a controlled environment, and perform failure analysis to determine root cause
- Present results of testing and root cause analysis to the Design Team who will release results in the form of control documents used for systems worldwide
- Perform system level testing across VT corners

Qualifications for HW engineer

- Bachelor's degree in Electrical Engineering, or equivalent
- Master's degree in Electrical Engineering
- Familiar with PLC technical requirements and key technology
- Experienced in analog and digital circuit design
- Good understanding on EMC design / verification