Our growing company is hiring for an embedded hardware engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for embedded hardware engineer

- Able to support project feasibility tasks, where product specifications are not defined yet and subject to changes support for seniorEngineer
- Support seniorEngineer on DfX related activities
- Perform electronic design of low complexity equipment (drivers for motors, pumps, valves, transducers, sensors, LCDs) based on micro-controllers
- Perform Reverse Engineering on existing designs for cost optimization (Value engineering) support for seniorEngineer
- Support seniorEngineer inDrawing up error budgets, power budgets and detailed electrical report on implemented electronic design starting from components specs and labs measurements/characterizations
- Take part in the hardware and software architectures choice of new products, by checking that appropriate design rules are applied to reach requested performances
- Review schematics of embedded hardware and validate PCB layout to ensure sensor's will reach electrical and EMC requirements
- Write electrical and EMC validation plan
- Prepare parts, prototypes and associated toolings (wire looms) that will be used for electrical and EMC validations
- Manage electrical and EMC qualification, and sensors e / CE marking when requested by the customer

- Must demonstrate experience guiding a design through development and into production is desirable
- A Professional Engineering License, original work(s) published in professional engineering journals, and presentation of original works to an engineering symposium are also desirable
- Experience with multiphase DC to DC converters and uProcessor control of power supplies is a plus
- 5+ years Product Firmware and Hardware Development experience
- Experience working with manufacturing engineers and design engineers in support of existing products and the start up of new products
- Experience using PC for reports, data analysis, and project scheduling