



RheoSense

Simply Precise™

Hardware Engineer – San Ramon, CA

[RheoSense](#) is a rapidly growing high-tech company based in Silicon Valley. Our innovative viscometers which utilize patented Viscometer/Rheometer-on-a-Chip (VROC®) technology, are becoming the industry standard with a growing number of satisfied customers in biopharma and other industries.

We are seeking a Hardware engineer who will be a key player in designing and developing hardware for our products. The successful candidate will work closely with R&D, production, and customer service teams. We encourage qualified, highly enthusiastic individuals who are interested in a fast paced and family-like environment and are capable of handling multiple tasks, to apply!

Job Responsibilities:

- Design and develop sensor / control boards for research and production
 - Design circuit boards with Microcontrollers, Sensors, Power devices (LDO, Switchers), OP Amps, ADC/DAC, Filters
 - Build, test, and modify prototypes and products
- Manage and Outsource PCB layout, fabrication, and assembly
- Conduct EMC (Electromagnetic Compatibility) / Safety testing
- Support production team and Customer support team
 - Build test circuits and programs to facilitate sensor/system calibration and production
 - Troubleshoot production and field issues

Requirements Include:

- Possess Bachelor or Master 's degree in Electrical Engineering or Computer Science
- Possess Knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software, including applications and programming.
- Have Hands-on experience and expertise in Data Acquisition, Data processing, Temperature control, Motor /actuator control, and various H/W interface (USB, RS232, I²C, SPI, CAN, Ethernet, Wi-Fi, Bluetooth, ZigBee)
- Have programming skills for Firmware/Software with C/C#/Java/Python/LabVIEW
- Have Tool skills to use OrCAD, IDE (MPLAB, Eclipse), soldering irons, Oscilloscope, logic analyzer, and spectrum analyzer
- Should be able to conduct development with strong analytical problem solving abilities
- Have excellent verbal and written communication skills
- Be a flexible team player with strong relationship building skills
- Be adaptable in a high growth environment and willing to do all it takes to deliver on time

Compensation:

- Excellent compensation package plus excellent health and dental benefits
- Excellent opportunities for career growth
- Financial Benefits including 401k Investment Savings Plan
- Stock options