

Hardware Engineer

XLV Diagnostics Inc. (www.xlvdiagnostics.com) is a young and entrepreneurial company developing innovative, x-ray medical imaging systems and bringing them to market. We are continuously looking for talented multi-disciplinary engineers to join our dynamic team and drive forward cutting edge technologies in optics, electronics, mechanics, and software.

We are currently looking for a hardware engineer interested in the development of world class medical equipment. Work includes small signal propagation through a low noise analog system into a high speed digital system which operates in excess of 3 Gbps. Further work involves high voltage work with both AC and DC HV components.

The XLV Diagnostics' work environment combines high achievement expectations with a significant amount of independence and individual contributions' recognitions.

Experience Level: -Electronic instrumentation circuit design - 6+ yrs
 - Electronic design for manufacture - 3+ yrs

Required Skills: - Low noise, high speed, analog circuit design
 - High speed, digital circuit design
 - Multi-Gigabit digital serial links
 - FPGA design
 - Low and high voltage power supplies control
 - Design for Manufacturing and Test

Desired Skills: - Ethernet design integration
 - Understanding of serial link protocols and protocol creation
 - Familiarity with wire bonded designs
 - Mechanical product design
 - Verilog designs
 - Microcontroller programming
 - Software experience with C-family languages
 - Previous experience within a medical imaging company