

Hardware Technician

Country/Region: US

State: CA

City: San Francisco

Job ID: XXXXX

Category: Product & Engineering

Stratasys is a world leader in 3D printing!

Location: San Francisco

We are looking for an experienced, energetic, and motivated Hardware Technician to join our growing hardware team. As a Hardware Technician at Stratasys, you will be a member of a highly capable and technical team working together to design, test, and develop next generation DLP 3D printers. You may also support and work cross functionally with other internal groups including R&D and manufacturing.

RESPONSIBILITIES:

- Operate Origin One DLP 3D printers in an R&D testing environment
- Support building and debugging wire harnesses and cables
- PCB board rework 0402 component level soldering capabilities
- Design, build, and set up test equipment and fixtures
- Assist the hardware team in all aspects of building and testing electro-mechanical assemblies
- Work closely with engineers to support, maintain, and troubleshoot production units
- Maintain detailed documentation for all test and maintenance procedures and team processes

MINIMUM QUALIFICATIONS:

- 2+ years of technical experience in a similar role or combined experience
- 1+ years of experience operating 3D printers and using CAD tools
- Strong mechanical skills with experience in hands-on fabrication and prototyping
- Knowledge in use of standard electronics lab tools including multimeters, oscilloscopes, AC/DC power supplies and DAQs, etc.
- Wire harness assembly skills and PCB soldering (0402 is a plus)
- Ability to read and interpret work/test instructions, mechanical drawings, and electrical schematics

- Strong time management skills and ability to work with minimal supervision
- Strong interpersonal and communication skills

PREFERRED QUALIFICATIONS:

- 4-year technical degree or equivalent experience preferred
- 2+ years with hands-on experience with liquid resin-based 3D printers and subsystems
- Electrical troubleshooting and board debug experience.
- Experience working in an organized scientific lab environment and leading small projects
- Experience working with 3D printing-related software (Netfabb or similar)
- Skilled in CAD and prototype part design (SolidWorks or similar)
- Experience in Linux environment
- Strong documentation skills (spreadsheets tables/equations, procedures, organization)

TRAVEL REQUIREMENT: 0%