

Electro-Mechanical Technician

ImageXpert LLC – Nashua, NH

ImageXpert makes innovative machine vision systems, which are used for R&D and quality assurance in a variety of industries worldwide. Our specialties include printing technology, optics/lighting, and systems integration. ImageXpert was founded in 1991, and offers a stable work environment.

We're looking to expand our production team with an individual possessing experience in sub-assembly incoming bench test, electromechanical assembly, system integration knowledge, and production floor organization to join our customer- driven development team.

Learn more about what we do at www.imagexpert.com

Our Production Team:

Deliver world-class machine vision products and develop customer applications, using ImageXpert proprietary software, integrated with a variety of instruments and other hardware, including cameras, linear stages, lighting sources, lasers, and more.

- Our systems are custom built. This is not a production line environment. Hence our technicians must be interested in working on a variety of tasks. This position offers exposure to complex design techniques and is an excellent opportunity to learn new skills.
- Use basic electrical and mechanical tools to assemble and test the systems.

Responsibilities:

- Utilizes work orders, schematics, wiring diagrams, engineering specifications, parts and wire lists, written and/or verbal instructions to build, repair and/or test electrical, electro-mechanical subassemblies and components.
- Performs a wide variety of electro-mechanical assembly operations, troubleshooting and repair.
- Understand and operate test fixtures, electronic measurement equipment to test assemblies, subassemblies and components.
- Enter/Retrieve data on computer database, such as progress, work expense, and labor details.
- Strong troubleshooting capability and process improvement.
- Works with engineering on development of procedures and New Product Integration into manufacturing.
- Able to provide input on product "manufacturability" and influence on design.

Our preferred candidate:

- Work with their hands, and hand-tools comfortably, are comfortable with optical and mechanical assembly. This job includes assisting in the building of custom world-class machine vision products, including building mechanical, electrical, and optical components.
- Comprehensive knowledge of computer usage and related equipment.
- Are able to read, create, and update schematics, including wiring/cabling diagrams.
- Are well organized, detail-oriented self-starters, comfortable with multitasking, attention to detail, and comfortable working as part of a team.
- Have good verbal and written communication skills.
- MS Office, Solidworks, small scale hand soldering experience a plus, not required.

Candidate Qualifications:

- Minimal technical associates degree or higher.
- At least two years experience in mechanical, electrical, optical preferred.
- Experience working professionally in a vendor/customer-facing engineering role a plus.

Job Location: Nashua, New Hampshire.

Job Type: Full-time.