WE ARE OPEN TO BOTH FULL- AND PART-TIME CANDIDATES

Responsibilities include:

- Precision alignment, adjustment, and final testing and verification of optical lens components and assemblies to specifications (e.g. aligning and affixing lenses to sensors).
- Assembly of electro-optical and electronics units for production according to designs, specifications and procedures. This includes construction and integration of electrical, electro-optical and alignment of electro-optical assemblies and opto-mechanical assemblies and all required paperwork.
- Perform system-level testing of assemblies for image quality (MTF, stray light, transmission, distortion, and other optical parameters)
- Read work orders, engineering drawings, and work instructions for final product optimization and verification testing.
- Perform coarse and fine adjustments requiring the use of hand tools, precision measuring devices and other specialized equipment including, but not limited to vacuum equipment, digital indicators, torque wrenches, optical microscopes, height gages, Vernier gages, micrometers, & electronic testing fixtures.
- Logging test data.
- Develop technical documentation.
- Surface Mount Technology (SMT) rework and modifications.
- Job kitting (pulling parts, organizing parts, preparing part orders, shipping finished kit).
- Shipping and receiving when needed.
- Maintain a clean and organized work area.

Required skills include:

- Training, certificate or degree in Optical Systems Technology.
- Competent with soldering down to 0402 package size.
- Ability to - work from procedural documents and/or verbal instructions.
  - safely use power tools.
  - use basic test equipment (i.e., Digital Multi Meter, oscilloscope, etc.).
- Close attention to detail.
- Optical and/or Electronic/ electro-mechanical troubleshooting.
- Microsoft Office (Outlook, Word, Excel) and Windows PC platform (File System).

Let us know if you have:

- Experience in Integrated Development Environment’s (IDEs) (i.e., Texas Instrument Code Composer Studio) and command line interfaces.
- Institute for Printed Circuits (IPC) trained solder tech.
- Experience with metal working tools (i.e., knee mill, metal bad saw).
- Technical writing skills.

How to Apply:

Send your resume to: hr@D3Engineering.com with “Application for Optical Technician” in the subject line.