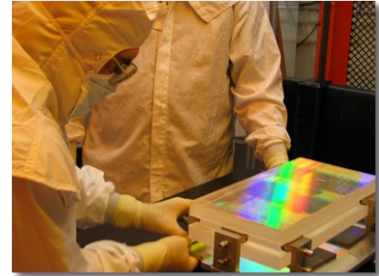




Job Description: Electro-Mechanical Engineer

Summary:

Innovative engineer with hands-on experience in control systems, motion control, and software, who will develop new machinery as well as maintain, update, and improve existing machinery



What You Do:

- Develop control systems, motion control hardware, and related software for new unique and custom optical manufacturing machinery
- Maintain, update, and improve control systems, motion control, and software on existing manufacturing machinery for processes including thin-film coating, photolithographic patterning, wet chemical processing, ion etching, and metrology

Qualifications:

- Expertise in Visual Basic and C# in .NET framework, Python, and LabView
- Familiarity with Allen Bradley, Fanuc, and/or similar Programmable Logic Controller (PLC) platforms
- Knowledge of stepper, servo, and other motors, as well as motion control hardware like ACS SPiiPLUS
- Computer hardware, electronics, and basic mechanical skills are highly desired
- Ability to communicate with all staff professionally and clearly, both orally and in writing
- Strong desire to learn collaboratively and take on challenging new tasks independently

Experience and Education:

- At least 5 years of directly relevant professional experience in a precision engineering and/or manufacturing company
- Education: minimum Bachelor's Degree in Engineering; Master's Degree is desirable but not necessary

Apply online at: plymouthgrating.com/about-pgl/careers

About Us: Plymouth Grating Laboratory is dedicated to making the highest-quality diffraction gratings available today. Our focus is on lasers and laser systems. PGL gratings offer exceptionally high diffraction efficiency and laser damage threshold, combined with superior wavefront error and uniformity over large areas. This performance is made possible by PGL's exclusive use of the Nanoruler, based on the proprietary Scanning Beam Interference Lithography technology developed at MIT, and PGL's industry-leading process expertise. The company occupies 20,000 sq. ft. of dedicated manufacturing, engineering, and office space in Carver, MA, just outside of Plymouth, and about 45 miles south of Boston.