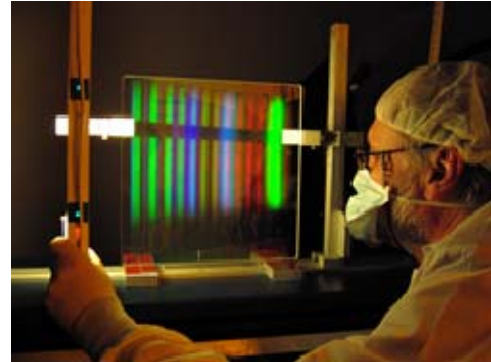




## Job Description: **Process Automation Engineer**

### Summary Description:

Plymouth Grating Laboratory (PGL) is a small, focused technology company in the South Shore/Boston area that specializes in the development and manufacturing of optical diffraction gratings for ultrahigh-intensity and other laser applications using thin-film coating, photolithography, chemical processing, and optical metrology. PGL is seeking a detail-oriented, highly motivated engineer to develop and manage software and hardware for controlling processes associated with manufacturing PGL's precision optics.



### Primary Responsibilities:

- Lead developer responsible for all control systems that run PGL's manufacturing systems, which include: thin-film coating, photolithographic patterning, wet chemical processing, ion etching, and optical metrology
- Maintain, update, and improve current systems; develop new systems
- PGL systems incorporate Human Machine Interfaces (HMI's), Programmable Logic Controllers (PLC's), and precision motion control

### Qualifications:

- Expertise in Visual Basic and C# in .NET framework, and in LabView
- Familiarity with Allen Bradley, Fanuc, and/or similar PLC's
- Knowledge of stepper, servo, and other motors, as well as control hardware like ACS SPiiPLUS
- Ability to communicate with all staff professionally and clearly, both orally and in writing
- Desire to learn and take on challenging new tasks

### Experience and Education:

- Computer hardware, electronics, and basic mechanical skills are highly desired
- 5 years of professional experience in a precision engineering and/or manufacturing company
- Education: minimum of Bachelor's Degree in Engineering

Apply online at: [plymouthgrating.com/about-pgl/careers](http://plymouthgrating.com/about-pgl/careers)