



www.plxinc.com  
40 West Jefryn Blvd.  
Deer Park, NY 11729  
Phone: 631-586-4190  
Fax: 631-667-0063

## Job description

We are looking for an Opto-**Mechanical Engineer** who is highly motivated and responsible for the design of mechanical and opto-mechanical assemblies. The individual will report to the Director of Engineering.

### Responsibilities:

- Conduct cutting-edge product development leading to the generation of new IP
- Design and develop mechanical and opto-mechanical assemblies and sub-systems.
- Design and build prototypes, create detailed drawings and instructions for production.
- Responsible for technical documentation (Models, CAD drawings, Simulations, BOMs, etc.) relevant to the optical and mechanical design
- Work closely with management on products and customer requirements.
- Prepare product technical requirements and specifications.
- Interact with other engineering groups, as well as cross-functional teams such as Manufacturing, Quality Control, and Supply Chain.
- Work on projects independently, and with a multi-disciplined team of scientists, engineers, and technicians.
- Provide technical support to manufacturing, sales, and marketing.

### Qualifications:

- BS and/or MS in Opto-Mechanical Engineering with at least 2 years of related experience
- Hands-on experience and understanding of Opto-mechanical best practices, as well as Electro-mechanical design experience systems would be desirable
- Willing to share expertise and train others to further the organization.
- Proficient at using Microsoft Word, Excel, Outlook, PowerPoint, and SolidWorks.



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Salary: From \$90,000.00 per year

Benefits:

- 401(k)
- Dental insurance
- Health insurance
- Life insurance
- Vision insurance
- 2-weeks' vacation
- 1-week sick time
- 10 paid company holidays

Experience level:

- 5 years

Education:

- Bachelor's (Required)

Experience:

- Mechanical engineering: 5 years (Required)
- SolidWorks: 2 years (Required)
- optics: 2 years (Preferred)