



## Job # 2015 Mechanical Design Engineer

### Company Overview

Xunlight corporation a technology spin-off from the University of Toledo, engages in the development, manufacture, and marketing of photovoltaic modules that convert sunlight into electricity. The company develops thin-film silicon based photovoltaic products and manufacturing equipment for high-throughput production of flexible and lightweight photovoltaic modules at low cost.

### Job Description

This position will be responsible for vacuum production equipment and parts design for Si, metal, and dielectric thin films deposition for solar cell applications.

#### Job Responsibilities:

- Design high vacuum production equipment to include pumping, gas delivery and control.
- Design mechanical related facilities for vacuum equipment
- Create innovative ideas for improving process equipment
- Prepare drawings and specifications, obtain quotes and purchase custom equipment as well as off the shelf equipment
- Supervise junior engineers and draftsmen to accomplish the design

#### Job Status: Full Time

### Job Requirements

- Must be proficient in Solidworks
- Over 10 year's professional hands-on experience in production equipment design.
- Mechanical, and Thermal management background is required, Electrical background is preferred.
- Working experience in PV industry would be a plus
- BS degree in Mechanical Engineering is required. MS would be preferred

Please submit resume, cover letter, desired salary and contact information of 3 references by e-mail to Human Resources at [hr@xunlight.com](mailto:hr@xunlight.com) Place Job # 2015 in email subject line or cover letter. Please go to [www.xunlight.com](http://www.xunlight.com) for more information. No phone calls please.

