

## OUR ORGANIZATION

SunModo develops, manufactures and sells innovative solar PV racking and mounting solutions (structural BOS) to residential installers, commercial integrators, and other solar providers in North America. From its inception, customers quickly recognized SunModo as a trusted provider of high quality products and services that make installations faster and more cost-effective. Our mission is to drive down the total cost of solar installation through product innovation and system integration. [www.sunmodo.com](http://www.sunmodo.com).

## JOB SUMMARY

We are looking for a Licensed Professional Structural Engineer to assist with design, stamped structural calculations, permitting and technical support for solar PV racking projects. Our Structural Engineer has a passion for advancing and experience in the PV renewable market. Working for our Chief Technical Officer and Founder of the company, the Structural Engineer supports sales and operations, new product innovation and quality control.

## RESPONSIBILITY

Essential duties include:

**Structural Analysis** – Provides structural calculations to support the appropriate layout and selection of racking hardware. Works with sales team to support proposals and end users, and perform the necessary analysis and documentation for permits.

**Product Design** – Works with engineering team on the ideation and development of new products. Conducts research to determine best, robust, and cost-effective solution for the market.

**Quality Control** – Supports QC of the supply chain, ensuring that root cause analysis is conducted and mitigation plan is implemented. Helps drive our ISO 9000 certification.

## QUALIFICATIONS

- At least 3 three years of experience with PE or SE license in Oregon & Washington. Prefer to have PE or SE license in California, Hawaii, and New Jersey.
- A high proficiency and working knowledge of IBC, ASCE-7, structural analysis software and AutoCAD.
- Experience in the structural engineering design and calculations for a variety of solar energy projects.
- Experience in various types of steel, aluminum, wood, helical anchors, and concrete foundation.
- Knowledge of building and roof structure.
- Experience in establishing ISO certification and quality control is preferred.
- BS or MS degree in civil engineering or architectural engineering, or other related discipline.
- Extreme proficiency in MS software, including Outlook, Word, Excel and PowerPoint.
- Excellent analytical, detailing communication skills with demonstrated ability to write and speak persuasively.
- An ability to communicate technical issues to a non-technical audience.
- Highly organized and unbelievable follow-up and follow-through.
- Ability to perform under pressure, work with a wide variety of constituents and meet deadlines.
- Approach to work that is positive, solution-oriented, optimistic and enthusiastic.
- Eagerness to serve and support the mission of the organization.
- Entrepreneurial, highly intuitive, desire to show initiative, and strong work ethic.

## PHYSICAL DEMANDS

These physical demands are representative of the physical requirements necessary for an employee to successfully perform the essential functions of this job. Reasonable accommodation can be made to enable people with disabilities to perform the described essential functions of the job.

While performing the responsibilities of this job, the employee is required to talk and hear. The employee is often required to sit and use their hands and fingers, to handle or feel. The employee is occasionally required to stand, walk, reach with arms and hands, climb or balance, and to stoop, kneel, crouch or crawl, and lift and move up to 50 pounds. Vision abilities required by this job include close vision. The noise level in the corporate work environment is usually quiet to moderate, with many of the staff working away from the office.

Expect up to 10% of travel away from home base, including occasional evenings and weekends.

## **DETAILS**

This is a 40 hour per week position. A comprehensive benefits package is offered for this position. This position is subject to a 90 day probationary period.

## **TO APPLY**

Email us your resume and cover letter outlining adherence to the qualifications to [employment@sunmodo.com](mailto:employment@sunmodo.com). Include at least 4 references.

SunModo Corporation is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, gender, gender identity or expression, religion, national origin, marital status, disability, veteran status, genetic information, or any other protected class.