Title: Engineering Intern  
Reports to: Engineering Manager

Job Description
The Engineering Intern will be responsible for assisting the engineering department with product documentation, light design work, O&M, CAD drawings, test setup, assembly, and disassembly. This position is part-time and non-exempt.

Duties and Responsibilities
- Assist with any duties that are required by the engineering department.
- Design Designs any custom components or systems required for a project and submits these designs for ordering/production.
- Acts as primary technical consultant for the customer on projects to which he/she is assigned.
- Research region building code requirements for structural design.
- Use of various domestic and international standards and engineering principles to analyze structures, connections, and components using analytic and computational methods.
- Prepare project drawings, layouts, and Bill of Materials.
- Assist with tracker design and calculations of pile loads.
- Responsible for assisting with product documentation, including installation, O&M, design, and testing documents.
- May include: CAD drawings, test setup, assembly, disassembly, and specification of components.
- May include some light design work; documentation and drawing reviews may be assigned as well.
- May include checking any drafting work done on their behalf, and doing any necessary drafting work if personnel are not available for a project. Sometimes assist with production drawings.
- May include writing white papers or assisting with document creation for the system or system components as needed.
- Other duties as assigned.

Required Knowledge, Skills, and Abilities
- Ability to work on multiple projects concurrently. Candidates must have good organizational and time-management skills.
- Interest in the solar industry desired.
- Computer skills required, including Microsoft Word, Excel, PowerPoint, and SolidWorks.
- 2D CAD and Programming skills a plus.
- Must be able to successfully pass a drug screen and background check.

Education and Experience
- Senior standing or BA/BS degree in Civil Engineering discipline.
- Structural education focus preferred.