



## **Career in renewable energy**

Pyron Solar manufactures solar generators for utility scale customers. We are a rapidly growing, venture capital backed company that offers interesting work and career growth opportunities for highly skilled and motivated people.

Pyron Solar's base products are a 90 kW Solar Generator, whose production and world-wide selling are steered by our Headquarters in San Diego, California.

We are currently seeking to add staff within our Engineering Department:

### **MECHANICAL ENGINEER**

- Reporting to the Chief Engineer, the engineer will function as a staff Mechanical Engineer and will be involved in all aspects of mechanical design
- Provide mechanical packaging engineering services during the development, pre-production, production, and qualification testing phases of new product designs
- Participate in design reviews and maintain schedules Read and interpret engineer drawings, technical drawings, schematics, and reports
- Research and analyze customer design proposals, specifications, and other data to evaluate the feasibility and requirements of designs or applications Specify system components or direct modification of products to ensure conformance with engineering design and performance specifications
- Design and evaluate systems and processes to meet requirements applying knowledge of engineering principles
- Create and maintain design models used for structural and thermal simulation
- Provide the basis of detailed product documentation
- Work closely with electrical engineer(s) and Chief Engineer to provide the final coordination of design layouts
- Participate in and make presentations in Design Reviews for the mechanical design portion of the product and participate in proposal writing and cost/schedule estimating
- Prepare final mechanical engineering design concepts, which meet equipment specifications

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- Design and analysis of products to meet customer specifications, as well as preparation of proposal drawings
- Ability to recognize and analyze problems and then develop and implement solutions
- Duties include the design and analysis of products to meet customer specifications, as well as preparation of proposal drawings
- Have a strong interest in pursuing a design or development or manufacturing career path
- Solid fundamental engineering knowledge including mechanics, stress analysis, heat transfer, fluid flow, and engineering drafting
- Additional duties as assigned

Requirements:

- BA/BS degree in Mechanical Engineering with minimum of 3-5 years experience in mechanical engineering experience
- Will involve significant interface with CAD Operator(s) as well as some customer interaction
- Experience and knowledge using Microsoft Word, Excel, and PowerPoint  
Must have minimum of 2 years experience with Plastic Injection Molding/Tooling & Sheet Metal
- Experience working in a complex multi-cultural environment is desired
- Ability to work flexible and extended hours
- Must be able to work independently and in a team environment and possess excellent interpersonal skills
- Willingness to work in a very "hands on" environment

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