

# Design Engineer I

REQUIRED FOR AN INNOVATIVE SOLAR PANEL DESIGN & MANUFACTURING COMPANY

Morgan Solar Inc  
100 Symes Rd, Unit 100 A, Toronto, ON M6N 0A8, Canada

**Starting Date:** Immediate

**Discipline:** Mechanical Engineering, Mechatronics Engineering

**Relevant Experience:** 2+ years minimum, co-op equiv. accepted

**Available Openings:** 1



## About the Position

The successful candidate will work within Morgan Solar's Product Engineering team to bolster all phases of the product development life cycle, including prototyping, production qualification, and product launch. The successful candidate will have a strong knowledge of and affinity for mechanical design. Comfort working with computer aided design software is critical. A firm grasp of the requirements and considerations in the design of industrial and consumer products for mass production is vital.

## About Morgan Solar

Morgan Solar is a Toronto-based company developing innovative solar power, illumination and tracking & control technology platforms based on their strong IP portfolio. The company is uniquely poised to capitalize on solar power's recent achievement of energy parity and to make possible the achievement of net-zero buildings. We are looking for enthusiastic, dynamic, and intelligent team members to help achieve our goals.

## Required Qualifications:

- Experienced with 3D modeling (SolidWorks or similar)
- Generation of engineering drawings
- Geometric and Dimensional Tolerancing knowledge is required
- Design for mass manufacturing and assembly in polymer and metal media
- Ability to read and interpret drawings, specifications
- Experience with Computer Aided Engineering Analysis (Mechanical Stress FEA, Thermal Analysis, etc.)
- Candidates with experience with electromechanical devices will be favoured

## Tasks:

- Generate engineered solutions to concept ideas
- Oversee prototype manufacturing
- Take part in the product development process
- Work cross-functionally with other teams (Control Systems, Manufacturing, etc)
- Hands-on work, in a factory, lab, workshop setting will all be required

## To Apply:

Please answer the following question as part of your application process:

### Question:

1. Describe, in your own words, the importance of adhering to the product design lifecycle

*Please respond to these in 1 page maximum.*

Please send your answer, cover letter and résumé to [careers@morgansolar.com](mailto:careers@morgansolar.com) , quoting job reference number **DEI220518** in the subject line.

### *Inclusion and Equal Opportunity Employment*

*MSI is an equal opportunity employer committed to diversity and inclusion. We are pleased to consider all qualified applicants for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, protected veterans status, Aboriginal/Native American status or any other legally-protected factors. Disability-related accommodations during the application process are available upon request.*