



**Goddard Technologies, Inc.** is seeking a highly qualified, Senior Mechanical Design Engineer with a minimum five (5) years relevant experience. Applicants with fewer than five (5) years of relevant work experience will not be considered. Please note that Goddard does not currently sponsor H-1B Visas.

Goddard is a global leader in product development and engineering. Much of our work focuses on the design and engineering of consumer and medical products. Our multifaceted group of engineers and industrial designers is highly energetic and communicative. Our team is comprised of individuals working together to achieve the same goal: *To provide our clients with new and exciting concepts that are developed into cutting edge products.*

Within the Goddard culture, we strive to maintain a fun, dynamic, and open environment. In this setting, creativity flows freely and whiteboards are always filled with ideation and innovation. As a Senior Mechanical Design Engineer, you will be exposed to a variety of products and tasks. Your expertise will contribute to all multidisciplinary aspects of the product development process. With your assistance, the Goddard team will achieve the highest standards in quality, functionality, and usability to redefine products across a broad range of industries.

Senior Mechanical Design Engineers at Goddard are responsible for leading and teaming up to execute medium to large projects. They also provide invaluable mentorship and advisement to junior and mid-level engineers and designers. The following is an outline of key responsibilities and minimum requirements necessary.

### **Key Responsibilities:**

- Creative problem solving and engineering concept development
- Design with plastics, sheet metal, extrusions, castings, mechanical, and electro-mechanical components
- Working with Finite Element Analysis (FEA) and Computational Fluid Dynamics (CFD)
- Mastery of best-in-class design methodologies, including experience in the creation of advanced CAD surfacing
- Project management from initiation to completion
- Scheduling and timely distribution of deliverables
- Vendor sourcing and procurement
- Client interactions and presentations
- Troubleshooting and failure mode analysis
- Travel as-needed
- Creating project and engineering resource plans for large-scale product development projects

### **Minimum Required Qualifications:**

- Bachelor of Science, Mechanical Engineering or Mechanical Technology
- Firm understanding of injection molding processes and equipment
- Ability to build relationships and accelerate working with teams, both internal and external
- Strong verbal and written communication skills
- Proven track record for delivering quality and innovation
- Ability and willingness to travel internationally to support design and manufacturing efforts
- Capability in working on multiple projects from conceptualization to production with ease
- Experience in growing business relationships through positive client interaction
- Proficient in building fully manufacturable CAD models using SolidWorks or ProE/Creo
- Detail-oriented and well organized

### **Software Requirements:**

- SolidWorks
- ProE/Creo

### **Submission Requirements:**

- Resume
- Portfolio clearly demonstrating command of creating, developing, and leading the execution of successful product design and engineering (PROVIDE EITHER [HYPERLINK](#) TO ONLINE VERSION OR [5MB MAX PDF](#))