



## **Job Title: Design Engineer II**

### **Job Description:**

The position of Design Engineer is responsible for engaging the design and development of new products and technologies for StarChase, as well as supporting the maintenance and improvement of existing products and technology. This encompasses managing project timelines, producing and updating drawings, acquiring prototypes and product testing. In addition, the design engineer position is responsible for finding ways to control and improve costs through design and manufacturability/serviceability of StarChase products. The position is based in the corporate offices in Virginia Beach, VA and reports to the Chief Technology Officer.

### **Responsibilities:**

- Managing project timelines
- Coordinating product improvements with engineering, manufacturing and purchasing
- Managing CAD assemblies and producing drawings for manufacturing parts
- Product testing and R&D, including rapid prototyping and endurance testing
- Inspection of parts against engineering drawings and specifications
- Aids in the processing and filing of engineering documentation including engineering changes and bills of materials
- Performs other various duties as deemed suitable by engineering management

The Design Engineer position's skill and experience requirements are listed below but not limited to, the following:

- At minimum, must have a Bachelor's in Mechanical Engineering
- At least 3 years' experience in engineering or product development using CAD
- Must be proficient in PTC Creo or Pro/ENGINEER Wildfire
- Must have skills in project management and maintaining detailed documentation
- Must be good at problem solving
- Must be able to read drawings/blueprints and understand tolerancing/stackups
- Must be mechanically inclined and able to use toolsets
- Must be able to follow directions and have an attention to detail
- Must be capable of working in a team environment as well as on their own, self-initiator where needed
- Needs to possess good communication skills
- Experience in electronics system design a strong plus
- Experience using MPLAB X highly desirable

NOTE: Applicants must live locally and will report to the StarChase Corporate Office in Virginia Beach, VA

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