

Mechanical Engineer

full-time

Verity Studios delivers ground-breaking drone shows systems that are purpose-built for the live entertainment and events industry. The unique performance capabilities of show drones provide a stunning complement to the traditional palette of light, sound, stage effects, and human performance. We are excited about using technology to transform live entertainment and other industries, and we are growing our team.

As Verity Studios' flying machines come to stages worldwide and production volumes rise, we are seeking to complement our team with a highly skilled Mechanical Engineer, who will help design and develop the mechanical components and systems of our exciting flying machines seen in drone shows by millions. The successful candidate will have the opportunity to express their creativity with novel concepts, and to carry their ideas through the details of product development.

Your tasks

- Design of parts and assemblies for flying machines and support equipment
- Evaluate design concepts in simulation and through prototypes
- Address product issues through design and process improvements
- Interface with suppliers for prototypes, new processes, and manufacturing quality
- Lead product development through all phases of the development lifecycle and production
- Establish quality control and testing procedures for prototypes and parts
- Cooperate closely with electrical, controls, and manufacturing engineers

Benefits

- Work in an interdisciplinary, international team of highly skilled people
- Deliver ground-breaking technology to some of the world's most prominent stage productions
- Shape the culture and have a significant impact in a rapidly growing young company

Prerequisites

- Degree in Mechanical Engineering (e.g. Fachhochschule or University)
- Minimum 2 years work experience
- Strong CAD skills (preferably SolidWorks)
- Experience in component design and FEM analysis required, small mechanism design, and selection criteria for lightweight systems
- Broad and deep understanding of advantages and limitations of fabrication methods for custom designed parts, including CNC milling, sheet metal, casting, plastic molding, and rapid prototyping required
- Experience with all phases of the product development lifecycle including design, implementation, debug, verification, qualification, transfer to manufacturing, and sustaining engineering for existing products
- Experience with sourcing parts for prototypes and working with suppliers required

How to apply

As part of your application package please include your resume/CV, portfolio of relevant projects or degrees, transcripts of academic degrees and preferably 2 reference letters, or the contact details of 2 references.



TED 2016



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