

Position	Mechanical Engineer	Starting Date	1st June 2021 (or later)
Duration	2 - 12 months	Workload	50-100%
Location	1350-Orbe, CH	Issue Date	19.05.2021

Description

The Countdown Company is offering an open position for a mechanical engineer capable of taking on a wide spectrum of challenges spanning multiple industries such as space, aeronautics, automobile and automation. The candidate will be expected to demonstrate exceptional autonomy as he or she will be entrusted with leading projects from the early design phases, through manufacturing, integration and testing.

Responsibilities

The candidate shall be asked to:

- Propose a mechanical design fulfilling the required functions while satisfying the available budget.
- Use CAD software to design and size the system
- Perform static and dynamic analytical and/or numerical analysis to validate the design
- Handle the procurement of mechanical parts
- Manufacture parts for the future assembly of the system (opt.)
- Assemble and integrate the system (opt.)
- Perform a test campaign and analyze test data
- Document the work in technical reports and presentations

Profile

- Master / Bachelor in mechanical engineering / microengineering or equivalent (HEs)
- Self-motivated person, having participated in technical extra-curricular projects (student teams), or having completed exceptional personal technical projects involving hands-on work related to position.
- Work efficiently and autonomously in projects requiring multiple engineering skills
- Interest for the aerospace industry is recommended

Working environment

The Countdown Company promotes the importance of the proximity between designers, analysts, systems engineer, manufacturer and test engineers. We even push these boundaries further by giving the opportunity to the employee to explore all the phases of the development process of a project: from defining the specifications to designing, analyzing, manufacturing and assembling, all the way to testing and reporting.

This is a unique opportunity to perform hands-on work in a non-corporate and pluridisciplinary environment, covering projects for different industries: space, aeronautics, healthcare, automobile, and industrial robotics. In addition, the employee will have the opportunity to experience first hand the sales and management process of technical projects.

The Company's facilities are established in Orbe, Switzerland. Our offices are located in the loft area of a garage space. Products are designed, engineering services are provided and the whole company is run all within this area. Our workshop is located on the ground floor, with all the necessary equipment for machining and integration.

Application process

1. Documents to prepare:
 - o CV
 - o Motivation letter
 - o Project portfolio (opt.)

2. Fill the form:

<https://forms.gle/wChctyqvQCWc1Ugg9>