

<b>Position</b>	Mechanical Engineer	<b>Starting Date</b>	1st June 2022 (or later)
<b>Duration</b>	Permanent	<b>Workload</b>	100%
<b>Location</b>	1350-Orbe, CH	<b>Issue Date</b>	28.05.2022

## 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 aerospace, healthcare and automation. The candidate will be involved in designing, manufacturing, testing and installing industrial machines and components. In addition to having some prior experience with basic engineering tools and practices, he or she will be expected to have a thorough understanding of mechanical engineering first principles in the fields of materials, heat and mass transfer, and manufacturing.

## Responsibilities

The candidate shall be asked to:

- Propose a mechanical design based on a set of requirements.
- Use CAD software for design and to produce toleranced technical drawings for manufacturing.
- Setup analysis procedures in spreadsheet format or scripting.
- Handle part of the procurement process.
- Manufacture or modify parts with manual workshop tools (opt.).
- Assemble and integrate the system (opt.).
- Setup (opt.) and perform a test campaign and analyze data.
- Perform costing analysis for project quotation (opt.).
- Document design, write assembly/test procedures.

## Profile

- Master / Bachelor in mechanical engineering / microengineering or equivalent.
- Self-motivated person, able to demonstrate a curious and passionate attitude for engineering through exceptional investment in professional or personal projects.
- Interest for the aerospace industry is recommended.

## Working environment

The Countdown Company promotes proximity between designers, analysts, systems engineers, manufacturing and test engineers. We also encourage employees to explore all the phases of a project's development process: from defining the specifications, 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, participating in projects for various industries such as aerospace, healthcare and automation. In addition, the employee will experience first-hand the sales and management process.

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.

Find out more about The Countdown Company on our [website](#) and [LinkedIn](#).

## Application process

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

2. Fill the form:

<https://forms.gle/wChctyqvQCWc1Uqq9>