



<https://www.themobbot.com/>

MOBBOT SA
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CH - 1700 Fribourg
Switzerland

JOB OFFER – MOBBOT SA January 2022

Mechanical Systems Engineer

Mobbot is a high-tech start-up based in Fribourg, Switzerland, providing unique digital concrete spraying technology to build robust and innovative infrastructure with a climate-first priority for all.

The company's purpose is to bring efficiency and enhance the working conditions on the jobsites, while reducing the ecological impact of a very traditional sector. The platform we are developing combines Hardware and Software. We are currently focusing on the tunnel application where savings for concrete can be huge.

To strengthen our creative and dynamic team in Fribourg we are seeking a

Mechanical Systems Engineer

Do you want to shape the future of the construction industry and reduce the ecological impact of the sector?

Main Responsibilities and Accountabilities:

In this role you will tackle state-of-the-art challenges, you have an industrial background, are a strategic thinker, an effective communicator and possess a strong entrepreneurial spirit, being in charge of the sensors integration, from selection to the protection of the equipment in harsh environment (tunnel construction), mounting and debugging. Hands on and heavy machinery past experience is a must. Your tasks within Mobbot include:

- Identifying technological means and sensors to pinpoint and solve customer related challenges, setup of trials, project implementation related to spraying equipment machines
- Build of mechanical components and outsourcing of design when necessary. Build, iterate and rigorously test designs to ensure successful product development.
- Curing customer interaction and service, as a direct contact point.
- Assuring the availability of spare parts.
- Curing the relationship with existent suppliers of mechanical parts (enquiries, 2D drawings, quality check).
- Researching and sourcing components, suppliers and equipment for project and product implementation.

- Keeping an overview of the costs of the product development (cost estimates, allocate budget, BOM, etc.).

You are offering these qualifications:

This position fits a Mechanical / Mechatronics or any other related field, with at least 5 years of professional experience. The candidate must have dexterity with workshop tools and hands on experience in a professional environment and machine builders, as well as:

- Sound knowledge of fluid systems (pneumatics and hydraulics) as well as monitoring (data interpretation) possibilities and solutions.
- Good communication and the ability to perform in a multi-disciplinary environment,
- Good overall knowledge and experience in programming is a plus (even small Arduino or Raspberry Pi projects).
- Identifying sensor types and requirements, precision and costs
- Installation of sensors and CAD design for casing (Solidworks know-how is a plus)
- Entrepreneurial spirit,
- Ability to perform under pressure and adapt to changes (e.g., priorities and timelines),
- Creative, fast-thinker, self-motivated,
- Structured way of working and a good dose of initiative,
- Available for travelling to customer locations (in Switzerland and remotely)
- Fluent in English,
- French and German speakers represent an asset.

What we offer:

- We will provide food for the brain and interdisciplinary work in a very dynamic environment
- Possibilities to evolve and take rapidly responsibility
- Based in Fribourg, Switzerland halfway from Lausanne and Bern in a French-German bilingual city.
- We are close to the alps with a lot of possibilities for hobbies
- Responsibility in a company with high visibility (Top100 Swiss startups), recognized as the leader in the construction automation sector
- Attractive startup package
- Rapid decision process
- Flexible work hours

Convince us! Do you need further information? Then contact f.furdui@mobbot.ch.

If you feel you are the right person for this position, we are looking forward to receiving your application by email only f.furdui@mobbot.ch!

Should you not hear back from us within 3 weeks, your application has unfortunately not been successful for the respective role.