



ROVENSO SA  
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rovenso.com

ROVENSO is an EPFL startup, developing agile robots for security and safety monitoring of industrial sites.

We are a team of 5 people and we are looking for folks that are curious, not afraid of making mistakes, autonomous and collaborative, able to work with multiple priorities in a fast-paced, multi-cultural, multi-disciplinary environment

Every day, you will have the opportunity to innovate, experiment, share your ideas and contribute to solving the most challenging real-world robotics problems.

So join us as

## Senior Robotics Software Engineer

Starting date: As soon as possible

Your role:

- Contribute to the improvement and extension of the current software stack
- Implement and improve third-party solutions
- Design custom algorithms for SLAM, navigation, and anomaly detection
- Perform on-robot testing and benchmarking of the implemented solutions
- Debug, maintain, and document

You have 3+ years of experience in either industry or academia in the field of SLAM and robotic navigation with strong practical experience.

Your required skills:

- Extensive C++ programming skills
- Strong practical experience of SLAM algorithms
- Experience with PCL, Eigen, OpenCV, Boost or similar libraries
- Experience with ROS
- Knowledge of robotics sensors (Lidar, IMU, 3D camera)
- Familiarity with hardware selection and testing



Apply directly to [jobs@rovenso.com](mailto:jobs@rovenso.com)