

EPFL Master Internship Mechanical Engineering

(M/W) 100%

The cutting tools necessary for manufacturing smartphones, tablets, aircraft, cars and medical devices are high-tech products made on high-precision machines with high-performance software. Rollomatic designs, manufactures, markets, and maintains these production systems worldwide with nearly 400 employees.

THEME OF THE WORK:

"DESIGN AND INTEGRATION OF AUTOMATED SYSTEMS FOR SMARTFACTORY SOLUTIONS"

YOUR PROFILE:

- Currently pursuing a Master's degree in Mechanical Engineering and seeking a full-time internship
- Enthusiasm for machine-tools, mechanical design and sensors/actuators integration
- Hands-on experience in 3D/2D design and proficiency with numerical tools (FEM, MATLAB) for physical system modeling & signal analysis
- Motivated to contribute to engineering applications in the heart of the Swiss high-precision industry

YOUR MISSION:

- Improve and adapt the performance of a positioning / monitoring system
- Explore new designs, sensors/actuators and search for optimal solutions
- Review of both literature and real grinding tests at Rollomatic
- Collaborate with different teams within the company

YOUR TAKE:

- This project offers you the opportunity to immerse yourself in a unique environment that combines industrial aspects, the development of advanced methods and their implementation
- You will be integrated into a team of professional R&D engineers
- Your research and development efforts add significant value to our products and positively enhance our customers' experience.
- Finally, this research work can possibly continue with a Master thesis, PhD project or employment at Rollomatic

WORKPLACE:

- Your workplace will be shared between EPFL Innovation Park and Rollomatic Headquarter (Le Landeron)
- Partial remote work is possible, depending on project topic and phases

Application deadline: 31.12.2025

Are you interested in this challenge? Please send your application (EN or FR) at:
celluleEPFL@rollomatic.ch



www.rollomaticsa.com / info@rollomatic.ch