

EPFL Master Internship

Data Science (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:

“DATA SCIENCE TO IMPROVE INDUSTRIAL PROBLEM SOLVING”

YOUR PROFILE:

- Currently pursuing a Master’s degree in Data Science, computer science or related fields, looking for a full-time position as an intern.
- Practical experience with popular Natural Language Processing libraries
- Strong coding proficiency in Python
- Motivation for engineering application in the heart of Swiss-made high-precision industry

YOUR MISSION:

- Review and test the existing domain-specific translation solution
- Enrich and correct the multilingual technical glossary with company translation data
- Benchmark the current translation pipeline across candidate LLMs and define model adaptation techniques
- Enhance the existing evaluation metrics and define a model deployment strategy

OPPORTUNITIES :

- This internship project offers you the opportunity to immerse yourself in a unique environment that combines industrial aspects, the development of data analysis methods and their implementation
- You will be integrated into a team of professional software developers and engineers, following modern working methodologies
- Your research and development work brings significant added value to our customers, contributing to the improvement of a core domain
- Finally, this research work can possibly continue with a Master thesis, PhD project or employment at Rollomatic

PLACE OF WORK :

- Your workplace will be shared between Rollomatic Headquarter (Le Landeron) and our innovation cell at EPFL Innovation Park
- Partial remote work possible

Application deadline: 31.04.2026

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



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