

# 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:

- Investigate cutting-edge LLMs for domain-specific translations
- Enhance model performance using retrieval methods and resource-efficient fine-tuning techniques
- Assess performance through rigorous metrics and continuous iteration
- Develop experimental workflows to build an end-to-end translation solution

### OPPORTUNITIES :

- This internship project offers you the opportunity to immerse yourself in a unique environment that combines industrial aspects, the development of data science methods and their implementation
- You will be integrated into a team of professional data scientists 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 one of our innovation cells: EPFL Innovation Park or Swiss Innovation Park Biel/Bienne
- Partial remote work possible

Application deadline: 30.06.2025

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



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