

# EPFL Master Internship

## Data Analysis (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 350 employees.

### THEME OF THE WORK :

**“Data analysis to improve industrial problem solving”**

### YOUR PROFILE :

- Master student, oriented towards mechanics, micro-engineering and data science looking for a part-time/full-time position as an intern
- Good knowledge in data science environments
- Strong interest in domains such as data analysis, predictive maintenance, AI, and software development
- Motivation for the application of engineering in the heart of Swiss-made high-precision industry

### YOUR MISSION :

- Analyze data from some of our service knowledge database to find and categorize similarities between problems and solutions
- Develop strategy to set predictive maintenance
- Implementation of these solutions with an adequate framework
- Collaborate with different teams within the company

### 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 one of our innovation cells: EPFL Innovation Park or Swiss Innovation Park Biel/Bienne
- Partial remote work possible

Application deadline: 31.05.2023

Are you interested in this challenge? Please send your confidential application (EN or FR) to Mr. Jonathan Rochat at [j.rochat@rollomatic.ch](mailto:j.rochat@rollomatic.ch)