

# 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 400 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, natural language and image processing, AI, and software development
- Motivation for engineering application in the heart of Swiss-made high-precision industry

### YOUR MISSION:

- Analyze databases in our departments to identify and propose solutions for future challenges
- Develop a strategy to classify cutting tools database
- Define a mathematical model to help users choose the best way to prepare parts for production.
- 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: 30.11.2024

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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