



# Python Backend Developer Intern

## *Description*

### Presentation

Datapred is a machine learning suite dedicated to B2B time series.

We help large companies in the industrial, logistics, and retail sectors solve complex analysis, optimization and prediction challenges where time is of the essence: inventory allocation, demand prediction, predictive maintenance...

We work exclusively with multinationals across Europe. We have been growing fast since 2014. Our technology is proprietary and at the leading edge of machine learning – based on sequential learning and deep learning.

We offer a stimulating technical environment, using the most recent methods and technologies (e.g. TensorFlow, GPU calculations, Spark).

We are located in Lausanne on the EPFL Innovation Park and in Paris in the 13th arrondissement.

### Position

We are looking for a Python Backend Developer Intern to contribute to the development and industrialization of our software.

The internship will be mentored by our CTO and will notably entail:

- Contributing to the development of Datapred's proprietary library.
- Interacting with our Machine Learning Engineers to ensure the optimal integration of our machine learning algorithms.



- Apply our software to that data. Modeling options, error minimization, prototyping.
- Helping our Project Managers install our software in client datacenters and monitor client software installations.

## Hard skills

We are looking for the following competencies:

- Proficiency in Python.
- Ability to write scalable and efficient code.
- Knowledge of git, Github, and continuous integration tools.
- Knowledge of Linux, Docker, AWS.

## Soft skills

We like people with the following qualities:

- Interest for agile development methods.
- Swiss army knife mindset: pragmatism, adaptability, pro-activity, simplicity.
- Professionalism, attention to details.

A demonstrated interest in machine learning would be a plus but not prior experience in that field is required.

## Practical information

- Location: Lausanne.
- Beginning: ASAP.
- Status: Intern.
- Salary: according to qualifications and experience



## Next steps

Please send your CV, cover letter project references under the heading « Analyst » to:



[contact@datapred.com](mailto:contact@datapred.com)