



## Data Analyst Intern

### *Description*

#### Presentation

**Datapred is a machine learning suite for industrial time series.** Datapred secures the 3 steps of time series modeling — data engineering, modeling, and backend optimization — providing unparalleled speed, flexibility and performance for time-dependent challenges.

It is used by multinational companies in the logistics, manufacturing and retail industries to solve complex analysis, prediction and optimization challenges where the time factor is key: demand prediction, inventory allocation, predictive maintenance, transport order prioritization, commodity purchasing optimization...

We work in a highly stimulating environment, with the latest development methods and technologies (ex. TensorFlow, GPU calculations, Spark).

We are based on the EPFL Innovation Park in Lausanne and in central Paris.

#### Position

We are recruiting a Data Analyst Intern. This is a key role, focused on the proofs of concept that set up our software sales, and requiring both technical and project management skills.

The role notably implies the following responsibilities, under the guidance of a project manager:

- Analyze client requirements and understand how our software can help.



- Identify, collect and prepare the internal and external data required to address the client's challenge.
- Apply our software to that data. Modeling options, error minimization, prototyping.
- Present intermediary and final results to the client. Prepare project deliverables (PowerPoint reports, Tableau Software visuals, data sheets).
- Interact with the client on a daily basis.
- Brainstorm with our mathematicians and developers to optimize results and align client projects with our software and corporate roadmaps.

Our philosophy is to give our interns as much client exposure as possible, while offering them the experience of our managers in algorithmic modeling, software development, project management and B2B sales.

## Hard skills

We are looking for the following competencies:

- Python programming and knowledge of the main data analysis and machine learning libraries (Pandas, Numpy, Scikit-Learn).
- Algorithmic modeling.
- Formalization and presentation of research results (PowerPoint/Keynote, data visualization tools).

## 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.



## Education and experience

A leading university degree in engineering, ideally with a specialization in applied mathematics and/or computing.

## 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)