



Backend Python Developer

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 looking for a Backend Python Developer to work on the development and industrialization of Datapred.

This key member of our Research & Development team will work closely with our CTO to:

- Develop our software and ensure that our code is top quality.



- Maintain our development environment (infrastructure, tools, roadmap, security).
- Help with the installation of our software in the IT environments of our clients (cloud or corporate datacenter).
- Optimize data flows between our software and the IT systems and databases of our clients.

Hard skills

We are looking for the following hard skills:

- Expertise in Python, and in the development of efficient and scalable code.
- Expertise in distributed computations and cloud architectures — more generally in the automation and installation of algorithmic solutions.
- Proficiency with git, GitLab, and continuous integration tools.
- Proficiency with Linux, Docker, and Ansible.

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.

An interest for machine learning would be great but no prior experience in this area is required.

Experience

Three years of experience in object-oriented development (C++ or Python).



Practical information

- Location: Lausanne.
- Start: ASAP.
- Contract: full-time.
- Compensation: according to qualification and experience.

Next steps

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



contact@datapred.com