



3 year R&D engineer positions in Data science and Machine Learning

at Télécom Paris, Institut Polytechnique de Paris, France.

We are currently opening a **3 year R&D Engineer position** in the **Department Image, Data and Signal (IDS)** of Télécom Paris, within the newly created Institut Polytechnique de Paris (France), to work on Data Science and Machine Learning.

Télécom Paris is one of the Top 4 Engineering Schools in France, member of Institut Mines-Télécom and founding member of the Institut Polytechnique de Paris. Created in 1878, it has evolved to become the leading engineering school in digital technology in France. Its excellent teaching and innovative pedagogy places Télécom Paris at the heart of a unique ecosystem of innovation built upon the interactions between its initial and continuous education, its research center and its two business incubators.

The main objective of the recruited engineer will be to :

- Identify all scientific tools and software programs in Datascience and Artificial Intelligence which are readily available in the department and in particular in the team Signal, Statistics and Machine Learning (S2A),
- To develop datascience softwares or librairies from raw research codes (code optimisation for dedicated platforms and architectures),
- To define and build a software platform of datascience codes for the future joint interdisciplinary center in AI between HEC and IP Paris.

The required expertises for this position include :

- A Master, Engineering degree or PhD in computer science, datascience, machine learning or in any closely related domain
- Knowledge in software development, Linux system, and Python
- Knowledge in software development tools (versioning, profiler, bugs handling,...)
- Good command of (technical) English

Additional expertises on the following topics will be an asset:

- Knowledge of common machine learning platforms (Tensorflow, ...)
- Knowledge in parallel computing
- A previous experience in scientific computation or data processing (e.g. Python Numpy, Matlab, Julia, R,..)

Additional desired skills for the candidate include:

- Capacity to work in a team
- Aptitude for Autonomy
- Communication abilities (writing and oral)
- Capacity for synthesis

To candidate or to obtain any further information on the position, please contact Gaël Richard (head of the department IDS), mail: firstname.lastname@telecom-paris.fr

The position remains open until a suitable candidate is selected.