Research engineer position in machine learning

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General Information: The research engineer will be part of the Thoth team, which is specialized in computer vision and machine learning, and will be supervised by Julien Mairal. Thoth is one of the most recognized European research team in machine learning and computer vision, participate to several European projects (including ERCs), and has many international academic collaborations (CMU, Berkeley), and industrial ones (Facebook, Criteo, Valeo, Google, Naver Labs).

Objectives: The research engineer will be responsible of maintaining and developing several open-source machine learning software packages, and will also participate to new exciting research projects. A moderate amount of time will be also devoted to performing system administration tasks such as administrating the GPU cluster of the team.

Location: The research engineers will work at the Inria Rhône-Alpes research center near Grenoble. The unit includes more than 600 people, within 26 research teams and 10 support services. Grenoble is a lively city which hosts many foreign students and researchers. Located in the heart of the French Alps its direct surroundings offer great outdoor recreation including skiing, cycling, and hiking. Grenoble is well-connected to Lyon and Geneva airports and Paris can be reached from Grenoble in 3h by train.

Duration: First contract will be for one year, but funding is secured for several years.

Desired Skills: The candidate should have a good expertise in Python and C++. (S)he should also have a good background in computer science, understand mathematics, and be interested in statistical machine learning. Previous experience with other high-level languages (Matlab, R, Julia), and machine learning libraries (scikit-learn, PyTorch, Tensorflow) would be appreciated (but is not mandatory).

Education and Experience: We welcome junior candidates,

- with a master or PhD degrees, and who are interested in the engineering and practical aspects of research.
- or who are young engineers who have recently graduated from an engineering school, and who would like to discover a lively academic research environment (before possibly pursuing later a career in research);
- of course, we also welcome candidates with a previous experience as research engineer.

Salary will depend on experience and will follow Inria’s salary scales.