



25 rue du Docteur Roux
75015 Paris
France

November 2020

ENGINEER in COMPUTATIONAL GENOMICS

JOB DESCRIPTION

The Statistical Genetics unit within the department of Computational Biology at the Institut Pasteur seek a skilled computer scientist interested in big data analyses in human health. The successful candidate will participate in several ongoing projects related to the analysis of large-scale genetic and genomic data in human. The work involves the development of data pre-processing and data analysis pipeline, supporting the implementation of methods developed in the lab, and contributing to the effort on the management of large and complex data (i.e. millions of variables and teraocets of data). All projects from the lab are conducted in a highly collaborative setting including both international and local research groups.

QUALIFICATIONS

The selected candidate should have strong education in computer sciences and be proficient with programming language including C/C++, and possibly Python and shell. Some knowledge in statistics and genetics are desirable but not mandatory. The candidate will typically hold an engineer degree in computer science or other similar degree.

THE INSTITUT PASTEUR

The Institut Pasteur is an internationally renowned center for biomedical research that stands out in many disciplines. The campus, founded in 1887 by Louis Pasteur and located in the center of Paris, host over 1,300 researchers and 300 doctoral students from over 60 nationalities. It is a creative and inspiring environment full of expertise and opportunities to connect and learn. The department of Computational Biology host multiple research units and a biostatistics/bioinformatics hub which includes over 50 PhD engineers specialized in computational biology.

ADDITIONAL INFORMATION

Candidates should send their curriculum vitae, a cover letter detailing research experience, and contact information from at least one reference to Dr. Hugues Aschard (hugues.aschard@pasteur.fr).

More information on the Institut Pasteur and the Statistical Genetics unit can be found here <http://www.pasteur.fr/en> and here <https://research.pasteur.fr/en/team/statistical-genetics/>.

Applicants may start as early as possible and applications will be considered until the position is filled.