Research Data Scientist

The Role
Finscience is seeking a Research Data Scientist with a strong academic and/or professional track record in machine learning and statistical Natural Language Processing (NLP).
The individual will join a team of researchers and software engineers and will develop methodologies to extract useful information from a variety of data, both unstructured and structured. This role will be mainly focused on building and implementing models and methodologies for extracting information from a large amount of unstructured data by means of the most advanced statistical NLP and machine learning techniques.

The Company
Finscience is a Milan based Fintech startup founded in March 2017. The mission of the company is to provide alternative data analysis principally to corporate clients and to create a consistent integration framework between financial and alternative data as a support tool for investment decisions.

Key Responsibilities:
- Research, development and implementation of NLP techniques (e.g. Named Entity Recognition, sentiment analysis of texts, etc.)
- Development of text extraction tools (e.g. scraping to extract the main contents of a web page)
- Writing code to gather and process large amount of raw data (e.g. web scraping, using third party API's, SQL queries, etc.)

Knowledge/Experience:
- MSc in a technical field (Mathematics, Physics, Engineering, Statistics, etc.)
- A proven academic and/or professional experience in statistical NLP modelling
- PhD and a record of publishing in statistical NLP field is considered a strong plus
- Programming skills (Python, Java, Scala, Spark, etc.) enabling large datasets access, analysis and processing
- Being able to retrieve data stored in an environment accessible via SQL-like syntax and build simple ETL
- Experience with Google Cloud (Compute Engine, Big Query, TensorFlow, Big table, etc.) is considered a plus
- Experience with advanced machine learning algorithms (e.g. deep learning, etc.) is considered a plus
- Ability to self-manage and prioritize workload
- Experience in presenting results in a clear and effective manner
- An advanced command of both written and oral English

How to apply:
Send both your Curriculum Vitae and your cover letter at jobs@finscience.com.

Finscience S.r.l.
Sede Legale e operativa: Foro Buonaparte 71, 20121 Milano – Tel. 02.76.28.10.64 – Fax 02.93.66.42.81
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