

## Company Overview

Caspian technology solutions enable banks to automate the complex human tasks of risk investigation and decision making in Financial Crime and Compliance. In areas such as Anti-Money Laundering, Sales Quality, Customer Due Diligence and Wealth Management, global banks harness large numbers of human analysts in a continual effort to investigate and to mitigate risk. Caspian transform risk and efficiency for global banks, through machine intelligence solutions that can automatically read, analyse and make judgements as well as the very best human experts.

## Job Title – Data Scientist

### Role

As a member of the data science team you will work both your local peers and wider team members to build, deploy and evolve analytical products. You will also work closely with operational leaders within to identify opportunities, available data and ways that data can help in achieving actions with value for our clients. Additionally, there will be an opportunity to work in the R&D space to identify cutting edge technologies to advance Data Science to the next level.

### Required

- Knowledge of Machine Learning techniques - including use of supervised and unsupervised methods to generate predictive models (both classification and regression)
- Strong written and oral communication skills - ability to explain key machine learning and natural language processing concepts to technical and non-technical audiences
- Python 2.x or 3.x
- Visualisation + reporting tools (e.g. pandas, matplotlib, seaborn, numpy, sklearn, scipy)
- Education in numerical discipline (e.g. mathematics, statistics, physics, neuroscience etc.)
- Postgraduate degree in numerical discipline (e.g. mathematics, statistics, physics, neuroscience etc)
- Demonstrable data analytics experience in commercial setting or in a relevant academic research area

### Beneficial

- Big data (Hadoop/Spark)
- Deep learning (TensorFlow/cntk)

- Natural Language Processing - including text segmentation, pre-processing, text modelling etc.
- Working with machine learning / big data/ Cloud Computing
- Experience working within financial/fintech sectors
- Knowledge of working in Agile/ Scrum
- Experience of Jira and Confluence

## **What we offer**

- An opportunity to work with cutting edge technologies for a rapidly growing and innovative company
- A chance to be part of a close-knit team working in a dynamic challenging environment
- A 35-hour working week. 25 days holiday + bank holidays