

Data Scientists

Central London

Opportunity

Quantexa are looking for 'big data' specialists at all levels to help us develop and deploy solutions to fight fraud and financial crime within Financial Services and Government. You'd be working with a wide range of tools including emerging open-source tools such as Spark and Hadoop as well as traditional technologies. We're looking for individuals who can provide input throughout the project lifecycle, from presales engagement, through to analysing data and assuring high quality implementations. Ability and willingness to pick up new methods and technologies is as important as existing industry knowledge.

Quantexa

Quantexa was incorporated in March 2016, and has grown from just a handful of employees to more than 40 in 18 months, and are on track to continue that pace of growth in 2018. Our team includes experts with many years of experience in consultancy, data analytics, software development and fraud and financial crime prevention.

We develop and implement solutions that use large volumes of data and advanced analytical techniques to detect and alert on high risk activity, and provide clear interfaces to allow our clients to evaluate and act upon these alerts. We utilise a combination of business consultancy, data science and computer science skills to cover the full lifecycle of implementing new systems in large organisations. Specifically, this involves:

- Working with organisations to specify the requirements and scope for a new solution;
- Producing prototypes and business cases to secure funding;
- Creating our own reusable components which we use at multiple clients (our Intellectual Property);
- Designing, building, testing and deploying systems;
- Creating, optimising and improving the detection algorithms;
- Supporting and extending the systems already in place.

The role

We are looking for individuals with a proven track record in data science or big data projects. A background in AML, KYC, screening, regulatory compliance or fraud is highly advantageous, especially for more senior roles. Typical responsibilities include:

- Work with clients to solve business problems in the area of fraud, compliance and financial crime:
 - o Elicit and document solution requirements,
 - o Understand patterns of criminal behaviour and design systems to detect and investigate them,
 - o Manage, transform and cleanse high volume data,
 - o Perform advanced analytics to identify the trends associated with adverse behaviour,
 - o Automate analysis to proactively alert on high risk activity on an on-going basis,
 - o Assure high quality implementation of solutions,

- Optimise existing financial crime platforms through data analytics,
 - Present project results to clients,
- You would be using leading open source data science tools, such as Python, Lucene, Scala and Spark. You should be comfortable with working with high profile clients, on their sites.
- Work with our expert software development team to produce reusable applications:
 - Use emerging and open source technologies such as Spark, Hadoop, and Scala,
 - Collaborate on scalability issues involving access to massive amounts of data and information,
 - Produce components for advanced analytics, matching, search and visualisation on big data.
- Take on ad-hoc tasks as required for the running of a small, yet rapidly expanding business.

Our office is located near London Waterloo, but some work occurs on our clients' sites – mainly in central London, but there may also be opportunities for travel.

About you

You should have the following:

- Proven big data experience, either from an implementation or a data science prospective,
- Excellent technical skills including expert knowledge of at least one analytical or big data package such as R, SAS, SQL, Spark, Hadoop, or Python,
- Good coding experience in the likes of Scala, Java or Python,
- Strong client facing, communication and presentation skills,
- Strong academic qualifications, high quality degree (2:1 or above) or equivalent,
- Enthusiasm to learn and develop emerging technologies and techniques.

Knowledge of at least one or more of the following will be important:

- Experience in solutions for AML regulation, sanctions or KYC,
- Experience in global banking and markets,
- Expertise in data science methods and techniques.

We're looking for high performing individuals, and offer competitive base salary commensurate with experience plus bonus, generous benefits and an EMI option scheme for equity.

Contact details

www.quantexa.com

Email your CV to recruit@quantexa.com