



Location Sciences AI Limited

Backend Java/Scala Software Developer

£££ Competitive salary based on experience level

Do you have a passion for data? Then Location Sciences may be the right company for you. We are offering access to a unique dataset on human movement allowing opportunities to influence real world situations from the impact of COVID-19 to industries such as finance, retail, leisure and AdTech.

We are the leading location technology company in the UK and set for huge growth over the next few years. We are looking for an ambitious, personable, team-oriented person to join our Engineering team in our Norwich office.

Reporting to the Lead Engineer, the key responsibilities for the Backend Software Developer will be as follows:

- Working productively within in an AGILE team environment
- As part of the development team, assist in planning and prioritising jobs
- Analyze and organize raw data
- Build data systems and pipelines
- Conduct complex data analysis and report on results
- Writing, testing and debugging code for new and existing software products
- Responding promptly to bug reports and production issues
- Develop tools and applications by producing clean, efficient code
- Review and debug code
- Collaborate with internal teams to fix and improve products
- Collaborate with data scientists and architects
- Document code and assist in testing and QA of systems.
- Ensure software is up-to-date with latest technologies

Skills and experience required:

- 3+ years of commercial experience in software development
- Self-starter, proactive and ability to work to deadlines
- Strong attention to detail with excellent quantitative and qualitative abilities.
- Excellent code quality standards and a full understanding of writing unit tested code. Use of Git and familiar with code review practices and pull/merge requests
- The ability to turn prototype and proof of concept code into robust production grade systems
- Experience with AWS data products including Datapipeline, EMR and S3 repositories
- Understanding of principles of parallel computing
- Experience in Scala 2, Spark/PySpark, Spark Core, SparkSQL
- Deep understanding of Data Modeling
- Experience with ETL optimization



- Understanding of ML principles
- Solid experience with Spark on YARN, Hadoop and Map/Reduce
- Linux, Jenkins, SQL, Maven

Good to have:

- Experience with geospatial data sets
- Understanding of main principles of NoSQL databases
- Understanding of Python at a production level
- Experience of AWS infrastructure services such as Elastic beanstalk and Lambda
- Data engineering experience, working with data scientists
- R - ability to understand and convert code where required
- Experience of scalable data processing jobs on high volume data
- Experience in digital advertising industry