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| **Job description** | |
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| **Data Analytics Lead Engineer** | |
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| **Location: Shanghai** | |
| **Descrption** | |
| Data mining scientist delivers insights and value from heterogeneous data with solutions that integrate into engineering and decision processes. Partner with client sectors to build and share successful understandings of how business value can be derived from big data. Identify engineering solutions and products to build a portfolio of recommended analytical solutions. Design and enhance the big data portfolio within client projects identified, validated, and tested data science products. | |
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| **Responsibilities/Tasks** | |
| **1** | Together with customers, define their requirement for data models, architectures and data flows |
| **2** | Design and build up the data analysis system |
| **3** | Develop statistical or data mining algorithms and embed them into data analysis system |
| **4** | Develop tools and techniques for data analysis |
| **5** | Build prototype solutions for problems brought by business sectors and prove that business value can be derived from the data. |
| **6** | Design data framework, principle, guideline and template for the customer data management |
| **Requirements:** | |
| **1** | 5+ years development experience with terabyte or larger size poly-structured data sets. Experience with statistical analysis software, such as Weka, R, Rapid-Miner, SPSS. |
| **2** | Experience in one of the systems: Hadoop (Cloudera), Hue, ETL (Talend), MapReduce, Hive, Pig, Hbase or other data warehouse toolsets |
| **3** | Proficient with R language and SQL, and one of the language: Python, Scala, C++ or Java. |
| **4** | Familiarity with Linux (RHEL based distributions preferred). |
| **5** | Experience as a technical leader for more than two data analytics projects, and with good leadership and poject management skills |
| **6** | Chinese and English language skills are essential. Fluent English in reading and writing. Presentation skills are highly desirable |
| **7** | Strong interpersonal skills to work with multi-cultural colleagues, customers, industry experts, and university associates |
| **8** | Good teamwork, ownership and results oriented |
| **9** | Ph.D in Computer Science, Mathmatics, Statistics, Industrial Engineeing |