Data Scientist

Responsibilities include but are not limited to:

- To integrate TEL tool and customer quality data to provide statistical or machine learning analysis to improve TEL equipment overall efficiency
- To partner with customer’s Data science group and TEL process engineers to define problem statement, acquire and analyse data, create visualization to “explain the data” and to identify sensors of interest that correlate to customer quality data (yield, defect, CD, etch rate etc…)
- Understand data infrastructure requirements, define the best data storage solution and support TEL Development team to design data analytics applications.
- These applications will extract data (and images) from relational databases and big data storages, processing and analysing data, calculating summaries and indicators, detecting patterns and finding the root cause, performing commonality analysis and data mining.

Qualifications

- BS or MS Computer Science/Data Science/Statistics or a related field with at least 3+ years’ experience.
- Candidates with prior semiconductor manufacturing data analysis experience preferred
- The candidate must have a strong knowledge in one or more of the following areas: Big Data Technologies, relational databases, machine learning algorithms, data mining, yield analysis, statistical analysis, and image processing.
- Expertise in Web development, Hadoop, HBase, Java, Python, R and SQL is/are preferred
- This position requires strong written and oral communication, analytical problem solving, leadership and teamwork skills

Submit your resume with the Job title to:

tsi.recruit@tel.com