Reliability Engineer

Reports to:
Reliability Team Lead
Location:
Richmond, Virginia USA
Hours:
9:00 am to 5:30 pm, Monday through Friday
On-call telework will occasionally be required

Job Description:
Each Reliability Engineer at TESLA, Inc. is primarily responsible for the design, construction, and maintenance of systems that deliver data to a specific portfolio of North American clients and is jointly responsible with members of the Forecasting Team for the overall satisfaction of those clients. He or she will participate in a broad range of activities, including data and application integration; system development and testing; and user support. Engineers will also have opportunities to work with our Software Development Team to develop applications for both internal and external consumption.

The Reliability Engineer is also expected to maintain a working familiarity with systems and clients outside of their specific portfolio in an effort to provide internal support to Reliability Team colleagues, both within the Richmond office and abroad.

Duties:
- Provide first and second line client support
- Build, test, install, and maintain TESLA systems
- Write code to extend libraries that provide connectivity between the TESLA software and client systems
- Analyze and resolve application issues
- Participate in planning, development, and testing of new applications

Required Qualifications:
- Knowledge of C based programming languages, e.g. C, C++, C#
- Knowledge of object-oriented programming concepts
- Knowledge of basic networking protocols
- Motivated work ethic
- Analytical and decision making skills
- Highly fluent in English, with strong writing and presentation skills
- Knowledge of database design and query concepts

Preferred Qualifications
- Knowledge of scripting languages, e.g. Powershell, Batch, Python
- Proficiency in C# and SQL
- Proficiency in Microsoft Excel and VBA
- Knowledge of network administration concepts