

Junior Reliability Engineer

Reports to:

Reliability Team Lead

Location:

Richmond, Virginia USA

Hours:

12-40 hours/week flexibly scheduled between 9:00 am to 5:30 pm, Monday through Friday

Job Description:

TESLA, Inc is looking for IT and programming students in their junior or senior year for a part-time paid cooperative education opportunity lasting up to 12 months.

As a Junior Reliability Engineer at TESLA, Inc. you'll be part of a Reliability Team that is 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.

Duties:

- Analyze and resolve application issues
- Participate in planning, development, and testing of new applications
- Assist with first and second line client support
- Assist with building, testing, installing, and maintaining TESLA systems
- Assist writing code to extend libraries that provide connectivity between the TESLA software and client systems

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
- Familiarity with Microsoft Azure
- Familiarity with AngularJS