Statistics and Data Analysis Quality Engineer

Cambridge, United Kingdom

The Statistics and Data Analysis Quality Engineer is responsible for enhancing testability, developing automated test suites for new and legacy GUI and algorithms using MATLAB primarily for the Neural Network Toolbox. The Quality Engineer will also conduct hands-on testing. As a member of the Development team, the Quality Engineer will participate in the project from its early design stages and play a critical role in driving it to final product release.

Responsibilities

- Reviewing software requirements and design documents
- Reviewing source code modifications
- Modifying our code base to improve its testability
- Writing test procedure documents
- Developing test tools, improving development process and enhancing the existing test infrastructure
- Writing and executing automated and manual tests for command-line and GUI functionality
- Performing hands on testing for final product release

Minimum Qualifications

- A bachelor’s degree and 3 years of professional work experience (or a master’s degree) is required.

Additional Qualifications

- Masters in Engineering or Math, preferred concentration in data analysis, neural network
- Programming experience in MATLAB is required
- Experience with software development or quality engineering is a plus
- Experience with JUnit or other xUnit frameworks is a plus
- Experience writing tools for other people to use is a plus