

ATI Job Profile

Senior Software Engineer in Test

Location: Cambridgeshire, UK

Based in Hatley St George, Cambridgeshire, the Senior Software Engineer in Test will be a member of the software development group and part of a dynamic development team tasked with developing automated UI and regression test software for our Windows-based software product based on C++ and .NET technologies.

Responsibilities:

- Enhancing and improving our current unit-test coverage
- Gathering metrics on code coverage
- Designing and developing software for performing automated UI and COM API regression tests
- Designing and developing software and reports for automated and manual performance tests
- Generating Matlab/Simulink models for flashing on hardware devices
- Limited but continual maintenance and extension of current Win32 MFC-based products
- Development and updating of documentation on work performed

Qualifications / Education:

Essential Skills/Experience

- Coding skills in C# and C++
- Understanding of .NET
- Demonstrated ability to master diverse technologies
- Understanding customer requirements and designing comprehensive testing strategies around them
- Writing comprehensive design specifications
- Experience writing unit tests
- Experience using version-control and bug tracking systems
- Understanding and appreciation of software development lifecycles
- At least 5+ years of experience in a related role

Bonus Skills/Experience

- MFC, Win32 API, COM and ATL
- Familiarity with Silk Test or another automated UI test framework
- Experience with Matlab / Simulink
- Good understanding of basic design practices (design patterns) and how/when to project them into different environments and languages
- Strong knowledge of troubleshooting and debugging application/services on Windows
- Windows network programming experience and protocol fundamentals including sockets
- Experience with communication transport layers such as CAN, RS232, USB, Ethernet and Flexray
- Knowledge of automobile and engine controls systems

Essential non-technical skills

- Positive proactive attitude and solid work ethic
- Strong communication skills
- Strong organizational skills
- Strong blend of both customer and software-focused skills
- Detail-oriented and methodical coding mentality
- Willingness to follow processes and procedures
- Ability to work independently

Candidates who meet the preceding qualifications should email their CV to hr_uk@accuratetechnologies.com, including salary/package expectations.