



Example of Test & Validation Engineer Job Description

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Our company is searching for experienced candidates for the position of test & validation engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for test & validation engineer

- Provide regular reports to Software Validation Manager regarding status of testing and/or test related activities
- Responsible for the validation of products which have a web interface
- Executing test procedures for telematics programs, with particular focus on wireless technologies
- Reviewing test specifications and document issues/recommendations
- Participating in root cause analysis with suppliers and providing production support to identify system and implementation issues
- Supporting product design reviews
- Providing technical leadership around functional testing of applications for telematics products
- Performing complex design analysis
- Developing validation designs including alternatives to manual testing
- Executing both in-vehicle and bench testing including functional and reliability testing

Qualifications for test & validation engineer

- 6+ months of experience in software programming (C/C++, Python, Qt, Java,) required through college course work or professional
- 1+ year of experience in software programming (C/C++, Python, Qt, Java)

- Strong control process Domain knowledge is expected with Distributed Control System (DCS, PLC, SCADA)
- Experience in Management Information System (MIS)/ Energy management Suite(EMS) and reporting
- Experience in fleet management system, operation management, Power trading and Process optimization