Example of Driver Engineer Job Description

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Our company is looking to fill the role of driver engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for driver engineer

- Create Functional Specifications and Technical Requirement Specifications to develop electronic hardware and software(Dashboard Instruments) that would provide the best reliable functionality, quality and meet all related regulatory requirements
- Collaborate with cross functional team to develop and sustain LED Driver firmware for intelligent lighting fixtures
- Apply complete understanding of controlling electrical loads and under firmware control
- Identify sources of operational improvements and reliability within current and new designs including code refactoring and source maintainability
- Create unit, integration and regression test plans to identify defects early in the development process
- Create test automation scripts to expand test coverage and improve overall test efficiency
- Extend and improve test plans, test plan management and test execution tracking
- Fully leverage development tools to accurately track software versions, plan releases and manage quality
- Work directly with Manufacturing Operations and Engineering to ramp new releases into production
- Deliver the programme QCWFT (quality, cost, weight, function and timing) requirements to the application engineer

- Good knowledge of the full RF subsystem and main RF components with an ability to root cause 3GPP performance deficits within the system
- Experience with RF calibration tools and techniques for smartphone/tablet products
- Expertise in use of communication testers (CMU200, CMW500, Anritsu MT8820C) and associated RF test equipment
- Familiar with SW configuration managements and SW module testing
- Drive enhancements to existing ODBC and ADO.NET driver capabilities
- Ensure all security-related aspects of driver operation function with zero defects