



Example of Product Test Engineer Job Description

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Our growing company is looking to fill the role of product test 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 product test engineer

- Working with the business to scheduling PRT efforts to align with product releases
- Develop test algorithms to enable proper calibration and performance verification of optical modules and line card used in next generation Photonics Integrated Circuit (PIC) based network solutions of 4.8 TB and beyond
- Communicate across groups to ensure test capability meets customer and organizational goals
- Assist test development team, providing feedback of algorithm robustness by adeptly developing custom SQL queries and JMP scripts to verify test output and capability
- Create and implement infrastructure to enable volume module calibration and performance verification against key product specifications
- Provide timely feedback of test and product performance during development phase
- Help drive end to end test yield improvements and test time reduction efforts
- Establish strategic and tactical plans that address equipment obsolescence, cost of ownership, and productivity improvements while minimizing the impact to production deliveries and equipment downtime
- Work with the PSE leadership team in establishing and driving core strategic initiatives in support of the STRAP (Strategic Action Planning)

Qualifications for product test engineer

- Knowledge of IC testing and proven experience of at least 3 years with IC test development is a must
- Support document formatting and release process
- The ability to work independently and in a mutli-national cross functional team
- The ability to handle multiple tasks while meeting project deadlines
- Basic Unix/Linux command familiarity
- Basic understanding of CMOS manufacturing (preferred)