



Example of Test Development Engineer Job Description

Powered by www.VelvetJobs.com

Our company is growing rapidly and is looking to fill the role of test development engineer. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for test development engineer

- Triage and debug test failures from the continuous Integration automation framework
- Design & build tools/automation that simplify the triage of our automation workflows
- Optimize the reliability and predictability of our Continuous Integration systems and processes
- Responsible for deploying Sort Class Test Program collateral and readiness for testability and manufacturability of FPGA from development stage into HVM (High Volume Manufacturing) factory and ready for production ramp (PRQ)
- Develop new test infrastructure including device test and burn-in systems for Datacom /Telecom VCSEL and photo-detectors
- Develop existing infrastructure with new improvements for wafer level probers, burn-in systems, and packaged photonic device testers
- Write test procedures and provide training to operators
- Coordinate with overseas partners to develop and standardize the test systems
- Author, Develop, and execute test plans for high availability complex systems
- Build performance, functionality, and stress test

Qualifications for test development engineer

- Familiarity with version control systems (Git, Perforce, SVN, Perforce)
- Experience developing storage software with knowledge of storage protocols
- Familiar with building secure software and security algorithms
- Proficiency in, at least, one modern programming language such as Java, Python, Ruby, C/C++
- Experience working with Mobile and Web automation frameworks like Appium/UIAutomator/Espresso