ASSOCIATE SYSTEMS TEST ENGINEER

Summary

Developed and implemented an automated regression test database program for Calix Networks Inc. This program allows the user to retrieve test data based on a myriad of criteria and compare against previous firmware loads and test cases. * Experienced with troubleshooting fiber expansion boards for UMC1000 telephony system. * Assisted Engineering staff with troubleshooting and repair of prototype and pilot circuit designs. * Developed automation scripts for regression testing * Experienced with working in fast-paced start-up environments.

Skills

- Organization: Microsoft Office Project
- Software Development: Microsoft Visual Basic 6/2005, Excel VBA, C++, Java, Familiarity with Tcl/Tk
- Database Management: Microsoft Access, Oracle SQL
- Data Entry\Reporting: SQL, Oracle, Access
- Office Correspondence: Microsoft Word, Star Office, OpenOffice.Org, Microsoft Outlook/Express

Experience

Associate Systems Test Engineer Cubic Corporation ï¼ Tullahoma , TN

- Directly responsible for testing and troubleshooting of new firmware and management software for Calix DSLAMs by simulating different real-world configurations using Spirent ADSL2+ and VDSL2 Line Simulators, SmartBits, and real wire loops.
- Performed Rate/Reach, Throughput, and RingTrip testing for modem verification against DSLAM.
- Developed and maintained automated testing, reporting and database solution for ATM regression testing of various modems
- Maintained test scripts for and performed tests on Triple Play Test Automation Testbed utilizing DiversifEye and Ameritech Bulk Call Generators.Â

Senior Technician Siertek Ltd. ï¼ Wright-Patterson Afb , OH

- Tested and repaired spectrum analyzers through the prototype and pilot stages of development.
- Coordinated with design and production engineers to facilitate a smooth product introduction.
- Updated and corrected troubleshooting database for new and existing products.
- Worked in multiple departments during down-sizing to support areas affected most by the downturn while maintaining my role in Engineering Support.

Systems Test Technician Alstom ï¼ Queens , NY

- Performed testing and troubleshooting of fiber optic shelf controllers and subscriber line cards used in Nokia's DSLAM.

Compliance Test Engineer Advanced Fibre Communications ï¼ City , STATE

- Ensured compliance of digital loop carrier systems to Bellcore, FCC, and ITU K.20 specifications by designing, building, and testing environmental scenario tests.
- Provided computer support for the engineering group to offset the workload of our understaffed IT department.
- Provided training for new technicians and assisted in the interviewing process.
- Recognized for role in creating an efficient flow of information between design engineering, QA, test engineering and production.

Education and Training

Associate of Science , Computer Science Dec. 2005 Santa Rosa Junior College Sonoma State University ï¼ City , State Computer Science Computer Science Sonoma State University ï¼ City , State Completed approximately 75% of course work

Skills

ADSL2, Automation, C++, Data Entry, Database Management, Engineering Support, Help Desk, Java, Lightwave, Microsoft Access, Excel, Microsoft Word, Oracle SQL, QA, Software Development, Spectrum Analyzer, Star Office, Cisco switches, Tcl/Tk, Technician, Microsoft Visual Basic for Applications