**Maria**

[Maria.380933@2freemail.com](mailto:Maria.380933@2freemail.com)

Skilled Embedded Systems Test Engineer with more than 10+ years of diverse experience in the field of Research and Development industry. Working experience with complex Systems, Network (Connectivity functions), Mobile, Apps, Integration testing, Functional, UAT testing, Security Testing, Pre-Certification and Project Management with a degree in BS Computer Science.

**Summary of Skills:**

* **NETWORKING:** IPv4/IPv6, DHCP/DHCPv6, DNS, Web Server, FTP, TFTP, SSH, Active Directory and CISCO switch and router setup. Completed
* CISCO Network Administration (Sept. 1, 2013); A complete course for CISCO Network Associate (CCNA)
* **Scripting/ Language:** Python, Perl,Java, Json, Shell Scripting, Java, Javascript, PHP Scripting, MySQL, PostgreSQL
* **Security:** Fuzzing, BurpSuite, Nessus Scanner, XSS scripting,
* **Operating Systems**: Windows 7 to latest, Linux, Mac OS X, iOS, Android
* Team leadership
* Data management
* Project management
* Process implementation
* Risk and quality Assessment on the assigned Product.

**Professional Experience**

**Embedded Systems Test Coordinator**

Lexmark Research and Development Corp, Cebu, Philippines (May 2017- Present)

Leading the overall embedded test group on an assigned project and involved in an overall quality assessment and decision making through technical judgments on every code release.

Strengths and achievements:

* Represents the embedded test group through active participation in the planning, implementation of the product under development and or maintenance test through EC release, Urgent change implementation requests and field issues fixes on a given code for Lexmark Products.
* Engage in Product development, Firmware leads (Project Managers), Managers, stakeholders and Test leads for test sizing, resource needed and test plans for review to ensure the test group are ready and will test the right areas.
* Ensure that appropriate test plans and accurate test coverage based on the requirement are in placed before testing starts for each team through reviews.
* Provide timely test data on the overall functions during Product development and communicate them to the overall test and Embedded Systems management team.
* As a quality gatekeeper, I provide risk and quality assessment weekly on the handled Project.
* Implement new approaches on test techniques and continuously looking on innovation and process improvement.
* Successfully project managed the EC release for the following products - X900, X700 C700, C900 Series to Lexmark’s key customers and to the world.
* Successfully deployed tested and signed off code from Embedded Test on Urgent implementation request from Lexmark Key customers.

**Embedded Systems Test Engineer Lead (Connectivity and Security Test)**

Lexmark Research and Development Corp. Cebu, Philippines (April 2015 – July 2017)

Leading two test teams in the delivery of high quality code tested during full life cycle development of a product for core network functions, mobile, security features and functions of Lexmark Printers.

Strengths and achievements:

* Planning of test Strategies on every test phase.
* Creation of Test plans, Test cases, scope the required test, test sizing and preparation of test environment.
* Plan and organize the knowledge transfer to the Firmware Test Engineer on code changes and new implementations.
* Provide weekly targets, test risk and quality assessment reports and carry them out to Embedded Systems POs, managers and stakeholders.
* Review the test automation tools created by the Test Engineers and get them to address the comments.
* Guide the team towards successful project delivery.
* Provide yearly test team horizons/ roadmaps and provide updates regularly.
* Reduced test time with ~10 man days of savings through test efficiency on following areas: Google Cloud Print, Embedded UI/ Web Server, Web Services, SNMP and Security Test.
* Enhance Test Engineer’s maturity through accountability and ownership through coaching within Connectivity and security test teams.

**Senior Embedded Systems AirPrint Test Engineer**

Lexmark Research and Development Corp. Cebu, Philippines (Sept 2016 - July 2017)

I worked as part of a dedicated Connectivity team testing Apple mobile phone, desktop and testing for Certification of the new Lexmark Printers under development.

Strengths and achievements:

* Test delivery of AirPrint feature in Lexmark Printers.
* Testing Apple AirPrint latest support
* Experienced in Apple Airprint Performance and Certification testing of every Lexmark Printer product.
* Carry out Technical lead tasks for Airprint.
* Successful delivery of iOS, Mac OS X and Vendor driver’s performance tests for AirPrint.
* Reduced product development fixes through close collaboration with the development team in Lexington KY, USA and excellent testing techniques which enable to achieve Passed on the first submission on the very recent Lexmark AirPrint enabled products under development.

**Embedded Systems Test Engineer**

Lexmark Research and Development Corp. Cebu, Philippines (June 2011- April 2015)

I was a Test Engineer testing Simple network management protocol for Lexmark Manage Print services and lead engineer for wireless, WFD and NFC delivery.

Strengths and achievements:

* Creation of SNMP and wireless use cases.
* Be updated on the latest testing techniques, strategies, testing tools and test frameworks.
* Creation of MIB Document for a given specification.
* Experienced with Lexmark Managed Print Services(MPS)
* Experienced Manual and Automated Testing ( Jenkins )
* Experience in setting up test and maintenance of SNMP automation scripts written in Perl, HTML and JavaScript
* Test Execution using Test Management Tool (TCM) and ExtraView | Rally in Logging defects.
* Hardware Setup (Printer) and configuration such bundle packages for configuration prior to testing.
* Successful project delivery for SNMP, scrum deliverables and Lexmark 2015 – 2016 Wireless 11n, Wi-Fi Direct and NFC certifications from Wi-Fi Alliance.

**Technical Support Trainer**

Lexmark Research and Development Corp. Cebu, Philippines (August 2008- June 2011)

I worked as part of Technical Support team for US and Canada customers of Lexmark offering solutions to technical problems. My job was primarily customer-focused on a one on one troubleshooting remotely the printers during the call. Aside from being a Technician, I also do conduct formal training for new hires that will join the technical team.

Responsibilities:

* Responsible for new hire’s NA ISD Technical Training and ensures 100% Go Live rate.
* Part of the team who launched and trained the very first wireless team for Lexmark Manila Philippines (SITEL Philippines).
* Learn and teach proprietary software and mechanical Lexmark Inkjet printers.
* Designed and prepared course materials, skill evaluation and final assessments.
* Uploaded and downloaded training results to track trainee’s progress.
* Work seamlessly with Managers and Technical Training Team to determine training needs.
* Provides Technical support to customers using Lexmark Inkjet Printers.
* Responsible for maintaining customer by providing exceptional and quality phone support. Work effectively with team members to provide exceptional support for customers as well as internal clients.
* Trained for USB, Ethernet and wireless connection, routers and Technology of Printers.
* Research and simulate on technical solutions using all available resources.
* Supported Windows, Linux and Macintosh Operating Systems.

**Technical Support Representative**

Etelecare Global Solutions June 2007 (June 2007- Aug 2008)

Work Duties:

I worked as part of Technical Support team for Vonage VOIP routers offering technical support to customers using the VOIP service.

* Provide phone support to customers who have issues with VOIP phone service intended for customers across the United States.
* Troubleshoot Broadband Cable Internet service, Ethernet and wireless connection.
* Supported Windows and Macintosh Operating Systems

**Education**

**Bachelor of Science in Computer Science**, (Information Technology major)

Xavier University Ateneo de Cagayan, 2007 (academic transcript available on request)