**Eric C. Sickert**

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4. **Website:** [https://esickert.github.io](#_top)
5. **GitHub:** <https://GitHub.com/esickert>
6. **Summary**:

* Interested in system testing, systems analysis, and learning new technologies.
* Performed manual functional, validation, usability, integration, acceptance, system, and negative testing of the web application in various supported browsers.
* Responsible for recovery of failed mobile Android devices and testbeds running in a lab environment. Used tools adb and fastboot to diagnose operating system issues with devices. Monitored and pulled logs when necessary to assist with problem diagnostics.
* Reflashed and reset operating system of failed mobile Android devices if necessary.
* Racked and stacked test systems consisting of controllers, access points, Windows servers and Linux serve.
* Provided system consultation and support services to private individuals and small businesses. This included workstation, and laptop setups. Provided training and assistance on systems. Cabled cat5/6 and advised on network configurations.
* Authored test plans and updated as necessary with test cases of newly added features. Reviewed and set priorities for test cases according to severity. Worked with development and product management to resolve high priority test cases quickly enabling faster and more stable release cycle.
* Experience working in various SDLC including Agile and Waterfall development environments.

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**Technical Skills:**

**Systems:** Linux-Ubuntu, Redhat, Apple OSX, Windows Workstations and Servers.

**Languages:** Core Java, Selenium WebDriver Fundamentals, Junit, TestNG and MDL (Model Development Language).

**Protocols:** TCP/IP, DHCP, DNS, and HTTP

**Programs:** Oracle JDK (Windows, Apple OS 10, and Linux), Geany IDE, IntelliJ IDE.

**Manage:** Git/GitHub.

**Trackers:** Bugzilla, Jira, Buganizer

**Tools:** Wireshark, MS Network Monitor, ADB, fastboot, Maven.

**Education**:

(2) Bachelors of Arts Degrees, Computer and Information Science, and Studio Art

University of California, Santa Cruz

**Experience:**

Google, Inc. - Mountain View, Ca Oct. 2018 - Mar. 2019

Lab Test Analyst

* Responsible for recovering failed devices and testbeds running in a lab environment. Used tools adb and fastboot to help diagnose startup issues on devices
* Continued racking and stacking of mobile test beds and devices to increase coverage of various mobile phones in different test scenarios.
* Tested a variety of Android operating systems and versions running in various testing scenarios.
* Built and repaired wifi testbeds to confirm stability and reliability of android mobile devices.
* Reflashed and reset failed devices with various operating system builds
* Tested stability of device software using scripts and manual testing.
* Monitored test lab using internal software tools. Repaired or replaced any failed device as needed. Monitored device and server logs to assist in diagnostics.
* Built/rebuilt Linux servers running Ubuntu. Replaced PCI NIC, and USB cards. Configure BIOS when necessary
* Wrote and edited documentation to help clarify and accelerate training process for new employees.

Paxata, Inc. - Redwood City, Ca June 2015 - June 2018

SQA Analyst

* Methodically performed manual black box testing to a magnitude of hundreds of test cases on Paxata'sdata preparation tool.
* Performed manual functional, validation, usability, integration, acceptance, system, and negative testing of the web application in various supported browsers.
* Monitored logs of Linux running in AWS while testing Paxata's web application.
* Perform daily pulls from various GitHub branches for testing. Compiled and ran the application for testing locally.
* Perform exploratory manual testing (ad hoc) of assigned features of web application running in cloud**.** Logged discovered issues and maintained bug history in Jira**.**
* Maintained existing Selenium (Java) scripts in conjunction with simplifying and consolidating to keep tests runs as short as possible with the least amount of false failures. Added new junit tests as required.

Freelance Consultant - Mountain View, CA Jan 2011 - May 2015

* Provided IT consultation and support services to private individuals and small businesses. This included workstation, and laptop setups. Provided training and assistance on systems. Advised on network configurations.
* Built and maintained Wi-Fi and wired Ethernet networks. Configured various security protocols including WEP, WPA and WPA 2.
* Built computer systems from scratch to specific customer specifications. This would include setting motherboard jumpers, configuring BIOS, installing HDDs and SSDs, setting up video cards with vram, installing NIC, USB and HBA cards and installing/configuring operating system. Update OS to latest service packs, drivers and patches. Defrag HDD if necessary.

Meru Networks, Inc. - Sunnyvale CA Nov 2006 - Dec 2010

Software QA Engineer

* Responsible for testing components and features of Meru’s network management application EzRF. This nms application was developed to administer and monitor Meru’s product line of 802.11 controllers and access points.
* Authored test plans and updated as necessary with test cases of newly added features.
* Maintained cooperative relationship with tech support and sales which helped to increase customer satisfaction.
* Improved the documentation of QA testing practices to enhance their repeatability, saving time and money and encouraging testing standardization and best practices.
* Worked with the QA team India to reduce test case redundancy and increase overall test plan coverage.
* Built Windows server, controller, and access points testbed to run performance and scaling automation test scripts against Meru’s 802.11 nms Java application. The testbed was also available to engineers in India.

Cisco Systems Inc. San Jose CA Apr 2005 - Oct 2006

SQA Development Test Engineer

* Built scaling and performance test setup consisting of controllers, access points, Windows servers, and Redhat Linux Enterprise servers.
* This testbed was used to run SilkTest scaling and performance simulation scripts against Cisco’s 802.11 Java network management system WCS (Wireless Control System).
* Performed manual black box testing when necessary to confirm test results.
* Setup and ran simulators of controllers and access points to increase SNMP traffic and load.
* Ran SilkTest scripts to simulate user interactions on network management systems.
* Received positive customer feedback confirming performance and stability of Java application 802.11 WCS (Wireless Control System) substantially improved.
* Wrote SilkTest scripts to automate the more repetitive test cases. This allowed dev-test engineers to focus on the more interesting aspects of testing thus increasing the reliability of the QA process and stability of the product.

Airespace, Inc. San Jose CA Nov. 2002 - March 2005

QA Test Engineer

* The initial development test engineer for Airespace’s Wi-Fi Java/Web network management system web application ACS (Airespace Control System).
* Participated in the early design stages concerned with product functionality, stability and ease of use. Performed manual black box and automated testing.
* Authored all original test plans for network management systemincluding OEM branding, installation and upgrade, configuration, monitoring and troubleshooting, scaling and performance, and manual and automation testing. Wrote scripts to automate the more repetitive test cases. This allowed test engineers to focus on the more interesting aspects of testing thus increasing the reliability of the QA process and stability of the product.
* Worked directly with development to replicate issues found in the field. Would assist programmer in determining solutions or possible workarounds thus increasing customer’s confidence in the reliability of the product.

Nokia Inc., Santa Cruz, CA Aug. 2000 - Nov. 2002

Software Test Engineer

* Tested and logged defects for various aspects of Nokia’s Java GUI application VPN Clustered Gateway product. v3.0, v3.1, and v4.0, for Windows and Solaris platforms. Performed extensive analysis including build verification, performance, security, stress, and negative testing. Confirmed bug fixes through regression analysis.
* Defined product’s testing parameters by writing and editing test plans and procedures. Established guidelines by which other team members could augment existing test plans. Assisted technical writers by reviewing and editing end-user manuals. Confirmed product’s documentation and functionality for both Windows and Solaris of Gold Master release.
* Accelerated testing by setting up and configuring PC’s and Sun Ultra Spark Workstations in a lab environment to analyze various network (Ethernet) test scenarios. Documented those scenarios within the respective test plans and posted those plans to the corporate intranet web site for bug replication analysis and resolution.