

## OLEH OLEKSHII

Austin, TX 78660

Cell: (408) 796-9122

Email: [oooleks@gmail.com](mailto:oooleks@gmail.com)

LinkedIn Profile: <https://www.linkedin.com/in/oleholekshii>

### Software Quality Assurance Engineer

#### SUMMARY:

---

- 7+ years of experience in testing of desktop, Web and Mobile applications in Agile process.
- Strong knowledge of SQA methodologies and processes, SDLC principles.
- Analyze test specifications and performing automated (Selenium WebDriver, Appium etc.) and manual (black-, gray-, white-box) testing.
- Experience testing frontend (presentation layer) and backend (application and database layer) of complex n-tier architecture.
- Proficient in test plan development, test case creation, test execution and bug tracking.
- Proficient in network analysis and system security testing, and risk management.
- Extensively knowledgeable in testing of Enterprise virtualization software - virtualization and secured containers: VMWare Fusion/Player/vSphere, Oracle VirtualBox, Parallels Desktop.

#### TECHNICAL SKILLS:

---

Platforms:	macOS, Linux, Windows, iOS, Android
Programming:	Python, Java, HTML5, CSS, JavaScript, XML, SQL, Unix Shell
Test Automation:	Selenium WebDriver, Appium, Sikuli, Pywinauto
Web Testing Tools:	Firefox Developer Edition, XPath, DOM Inspector, Postman, SoapUI, Burp Suite Pro, Acunetix, AppScan, OWASP Zed Attack Proxy (ZAP), etc.
Network analysis:	Wireshark, Charles Proxy, Fiddler, IP Range, Nmap, Tenable.sc (Nessus)
Virtualization:	VMware Workstation\Fusion, VMware vSphere, Oracle VirtualBox, Parallels
Bug Tracking:	HP ALM, JIRA, GitHub Issues, TestLink, Bugzilla, Elementool etc.
Other:	GitHub, TFS, Eclipse, PyCharm, Jenkins, MS SQL Server Management Studio etc.

#### EDUCATION:

---

- 1999 BS in Economics and Finance, Chernivtsi State University, Chernivtsi, Ukraine

#### EMPLOYMENT HISTORY:

---

##### State Compensation Insurance Fund, Pleasanton, CA Application Security Testing Engineer

October 2015 – Present

State Fund is California's provider of workers' compensation insurance and offers comprehensive products and services that provide a strong option for employers and injured employees with fast claims service and medical and indemnity benefits.

##### Responsibilities:

Web Application Vulnerabilities Assessment and Penetration Testing following the guidelines of OWASP to uncover security vulnerabilities in the software products:

- Performing functional and non-functional security testing in the area of Cross-site scripting, Broken authentication and session Management, SQL injection, Cross site request forgery, Sensitive Data Exposure, Insecure Direct Object References etc.
- Running static and dynamic security scans with various security testing tools such as Security AppScan, Acunetix, Burp Suite Pro, Tenable.sc (Nessus), Wireshark, Fiddler, Nmap, OWASP Zed Attack Proxy (ZAP) etc.
- Identifying security vulnerabilities and defects in application (code and functionality).
- Developing list of security test cases for each phase of application development.
- Work with application dev team to prioritize code review bug fixes, risk ranking items for fix schedule.

**RFSpot Inc, Los Altos, CA**  
**Software QA Engineer**

**May 2015 – August 2015**

Cloud based indoor map, location, navigation and search - robotic solutions for geo-spatial mapping of large facilities, real-time data capture and analysis, enhanced logistics for in store retail operations, and mobile customer experience enhancement.

- Tested software and hardware of autonomous robotic always connected product for mapping, navigation (SLAM - Simultaneous Localization and Mapping) and machine vision with GIS and Cloud (AWS) services.
- Analyzed network protocols using Wireshark tool by scanning network to capture its data.
- Wrote and used SQL queries for Querying the MySQL database in UNIX environment to test the application for data integrity and verified the contents of the data table.
- Developed Test Plans, Test cases, Test procedures for the Application.
- Automated test cases using Selenium WebDriver with Python.
- Executed non-functional security test cases.
- Played an active role in weekly meetings to improve the testing efforts.

**Moka5, Redwood City, CA**  
**Software QA Engineer**

**January 2014 – April 2015**

Moka5's core product is an enterprise solution that provides a secure corporate workspace to end-users - anytime, anywhere, on any device whether it is corporate or personally owned. SDLC is based on Agile methodology.

- Tested Virtual Desktop solution which works on top of VMware Hypervisor - client-server virtual container for macOS, Windows platforms and bare metal hypervisor based on Linux. All types of testing of the complex virtual desktop management product.
- Performed penetration tests of host security assessment feature by attacking software using malware to test security weaknesses, potentially gaining access to the data.
- Evaluated security of the tested system by manually auditing with vulnerability scans, reviewing application access controls with different sets of policies.
- Took part in security infrastructure upgrades (e.g., firewall/VPN upgrades, intrusion detection, token-based authentication and remote management) for the company.
- Developed test documentation: Test plans, new feature specifications and test cases based on technical specifications and business requirements.
- Built robust QA lab and end-to-end tests simulating real customer environment to test application performance on different hardware setups, VoIP performance, network connectivity, security, software and hardware compatibility.
- Led QA efforts in mobile (iOS and Android) FileBrowser native app testing processes (manual and automation functional, UI testing using Appium (Java, Python)).
- Tested web-based console - Management Server. Performed Moka5 Desktop Administrator role to perform day-to-day operations, such as releasing and targeting images, managing users and OUs, changing policies, viewing reports and adjusting configurations.
- Identified, prioritized and submitted the bug reports and verify bug fixes in bug tracking system; triaging of existing reports for documenting known issues and providing workarounds.
- Actively participated in daily team meetings to discuss testing process and current issues.

**Los Altos Software Testing House, Los Altos, CA**  
**Software QA Engineer**

**June 2013 – December 2013**

**1. Bid.com\* Project (\*- name changed):**

- Tested an e-commerce social networking application.
- Reviewed and provide internal audit for technical documentation and performed exploratory testing to familiarize with the main components: store management, order tracking, chat, blog, payment options.
- Provide the subject matter expertise to the QA Manager during the test plan development.
- Designed and executed test cases for instant messaging, blog and chat modules.
- Performed Ad-hoc, Usability, Functionality, Integration and System, Browser/Platform Compatibility, and Regression Testing.
- Built virtual platforms using VMware Workstation to test the application in multiple environments.
- Developed automated test suites with Selenium WebDriver with Python.
- Reported bugs using Bugzilla, evaluated bug status, validated fixed bugs.
- As a Team Lead coordinated testing activities within a team.

## **2. Memocast.com Project:**

- Tested a web-based video streaming application, similar to YouTube but with commercial content and paid subscription.
- Performed exploratory testing - navigated through the website and experienced misbehaviors.
- With Selenium WebDriver using Python automated major functional test cases.
- Security testing of Vulnerable Components according to OWASP top 10 web application security risks.
- Analyzed failures, made them reproducible, reported bugs via Bugzilla.
- Actively participated in regular QA team meetings to discuss testing process and suggested improvements to the application design and feature.

## **Applause (uTest.com), Ukraine, USA Software tester**

**February 2012 – December 2013**

- Tested various desktop, web and mobile applications for numerous companies ranging from startups to global enterprises, created for the different goals, such as Media & Entertainment, E-Commerce, Biotech & Pharma, Telecom & Wireless, Airlines & Hotels, Advertising & Marketing, etc.
- Analyzed application's business requirements, technical specifications and installation guidelines.
- Designed and executed test cases.
- Performed usability, UI, functionality and regression testing of the new builds.
- Performed browser and platform compatibility testing including different kinds of game consoles, set-top boxes, smart TV's.

## **JSC The State Export-Import Bank of Ukraine, Chernivtsi, Ukraine Sr. Risk Analyst**

**March 2010 – November 2012**

Tested, deployed, and launched security system for sensitive data processing.

- Led test activity for new internal software project: Credit-Deposit Information System.
- Verification of business-critical information security activities for the bank involving encryption of customer data to ensure compliance with change in laws.
- Executed test cases and performed UI, functional and regression testing of the new builds of stand-alone CDIS bank application.
- Wrote summary reports, reported bugs, evaluated bug status and validated fixed bugs.

## **JSC The State Export-Import Bank of Ukraine, Chernivtsi, Ukraine Sr. Credit Analyst**

**October 2006 – March 2010**

- Responsible to execute testing for consumer loan reviews, detect, quantify and report issues as needed as part of the reviews.
- Identifying risks associated with potential issues.
- Assisted in the development of the loan review scope and testing approach.
- Draft reporting documents and assisting in preparation of final loan review reports.
- Evaluating the completeness of management's corrective action plans.
- Performed ad-hoc projects as assigned to assist loan review in analyzing risk and control environment.
- Analyzing key trends on the consumer lending portfolios and providing an assessment of the asset quality of the current book.

## **JSC Raiffeisen Bank Aval, Chernivtsi, Ukraine Sr. Credit Analyst**

**1999 – 2006**

- Performed credit and financial analysis to assess risks, analyzed financial statements, and evaluated credit worthiness.
- Developed numerous forecasting models to examine company's short- and long-term growth based on key indicators, sales projections, cash flow analysis, assets, liabilities, and risks.
- Aggregated data and generated revenue reports for senior management.
- Created supporting document with illustrations for presentations to colleagues and board.