

SERGEI LITOVCHENKO

Cell: (669) 224-9200
Folsom, CA, 95630

Email: sergei.litovchenko.sqa@gmail.com
LinkedIn : [sergei-litovchenko](#)

SUMMARY

- Extensive experience and solid understanding of SDLC, test methodologies in Agile environment
- Proficient in leading globally distributed QA teams for multiple projects in both production and pre-production phases for iOS, Android, Windows, MacOS platforms
- Experience in REST API automation testing and GUI automation testing
- Ability to drive all QA procedures starting from planning phase to bug-fixing support
- Creative team player, self-directed, detail-oriented and have excellent written & verbal communication skills.

TECHNICAL

Platforms:	iOS, Android, Windows, Mac OS X, Linux/Unix,
Cloud Services:	AWS EC2, Google Cloud Devices Test Lab, Digital Ocean
Programming Languages:	Python, JavaScript, Bash scripting
Databases:	MySQL
Bug/Test Tracking:	JIRA, Testrail
Network/ VPN protocols:	TCP/IP, UDP, IPsec, OpenVPN, HydraVPN, SSH
CI/CD :	CircleCI, Jenkins, Docker, GitHub, GitHub Actions
Frameworks:	PyTest, Postman

EXPERIENCE

Sr. Software Lead QA Engineer

01/2018 - Present

Pango Inc, Redwood City, CA / AURA INC (New York, US)

Projects:

- VPN SDK for iOS, Android, Win, Mac (SaaS) including infrastructure of VPN servers (PaaS)
- Mobile applications for VPN (end-users product > 5M MAU)
- Leading automation testing development with CI/CD pipelines and also driving an integration to Cloud Test Lab (Google Cloud Devices)

Accomplishments:

- Automated and maintain REST API testing for CD pipeline (Docker compose/Jenkins Server/GitHub)
- Contribute to test automation for micro services for server VPN node testing (Python/GRPC/Docker compose)
- Drive and Contribute to E2E automation tests for mobile VPN apps
- Drive and Contribute to on-premises and cloud TestLab for emulate edge use cases to verify a seamless reconnections between WiFi, cellular, secured and unsecured networks based on **IoT** technology
- Manage a distributed team of manual and automation test engineers (6 peers) based on Sprint planning in Agile environment

Technologies:

*AWS EC2, Docker, IoT (SmartLife, smart switches)
GitHub Actions, Linux/Unix, Jenkins*

Software QA Engineer
AnchorFree, Menlo Park, CA

02/2016 – 01/2018

Projects:

- Mobile apps for secure VPN connection (5+ projects for iOS, Android, Mac OS, Win)
- Web browser extension for VPN connection (Chrome, Firefox)

Accomplishments:

- Designed and executed test cases, test scenarios and test plans from scratch for 5+ projects for both iOS and Android platforms.
- Reduced manual testing time by shifting the most UI test procedures into Pull Request
- Initiate and manage for 5 groups of interns (2-3 interns for 2 months) during 8 months
- Achieved 98-99 % of crash-free users and crash-free devices indexes for mobile applications by analyzing users data and correcting testing procedures
- Implement test automation for REST API backend tests (Jenkins/Docker/GitHub)

Technologies:

JIRA, Jenkins, Charles, ADB, Console, XCode, Android Studio, GitHub, Bash, Grafana, Crashlytics, Postman

Software QA Engineer
QAUBER LLC, Sunnyvale, CA

03/2015 – 01/2016

Projects:

- Web platform for uploading / downloading of breaking news video contents
- Web platform specifically designed for Software QA freelancers

Accomplishments:

- Created Python scripts and used Selenium WebDriver to speed up testing for a user authentication workflow
- Learn test automation frameworks - Robot Framework, Pytest, Selenium

Technologies:

JIRA, DevTools for Chrome, TestRail, ADB, HTML, CSS and JavaScript, Selenium WebDriver, Python, Bash

Lead Sr Electrical Engineer
DE-ICE LLC, Moscow, Russia

03/2007 – 12/2014

Projects:

- Self-Regulating Wired Cable Heating Systems for industrial and residential projects
- Ice-melting system for prevent freezing pipes, roof and gutter, driveway deicing,

Accomplishments:

- Contributed to electrical and power consumption design and provided quality control for more then 200 projects in Moscow City of full automated ice-melting system
- Certified by ECHELON , LonWorks PLC (controllers)
- Certified as High Power Maintenance Supervisor (1000V)

DEGREE:

- M.S. in Optical-Electronic Engineering, Moscow State University of Geodesy and Cartography, Russia