**Dmitry Nakhabtsev**

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# Summary

• Formal training in Fundamentals of Information Technology and in Manual & Automated Testing for Software Quality Assurance (SQA) • In-depth knowledge of computer architecture, network architecture, data structures, standard programming practices and the web developer mindset. • Experience in computer engineering, manual and automated software testing • Comprehensive knowledge of the processes of software development lifecycle • Knowledge of bug tracking systems and software debugging tools • Proven ability to maintain and enhance software with the aim of improving operational functionality in line with business requirements • Skilled in creating test plans, test cases, test matrices and other test documentation • Quick learner, versatile, adaptable and process-oriented • Engineer/MS degree in Computer Science

# *TECHNICAL SKILLS:*

***Operating Systems:*** Windows 10/8/7, Linux.

***Mobile Platforms:*** iOS, Android OS, Windows Phone

***Programming:*** SQL, HTML, CSS, XML, JavaScript, Java, Ruby

***Database:*** Oracle, MySQL

***Test Automation:*** Lettuce, JAVA, Cucumber, Ruby, Selenium Web driver, JMeter

***Software:*** Eclipse, RubyMine, Visio, Auto-CAD

***Networking:*** TCP/IP, FTP, HTTP, Internet, Intranet, VPN, ADSL, Firewalls ware, DNS, SMTP, POP, IMAP

***Virtualization:*** VMware Server, Oracle Virtual Box

***Bug Tracking***: Jira, Elementool, Bugzilla

***Browsers***: Chrome, Safari, MS Internet Explorer/Edge, Mozilla Firefox

# Experience

**Software QA Engineer at Cengage Learning**

August 2014 - Present (1 year 7 months)

* Tested online learning solutions for universities, instructors, and students (digital textbooks, instructor supplements, distance learning courses, test preparation materials, corporate training courses, materials for specific academic disciplines, and custom solutions) • Reported issues to JIRA following standard company procedures • Review application requirements and use cases; develop test cases. • Perform regression, smoke, and user acceptance tests. • Test functionality and GUI of web applications: equation tool, graphing interface, table tool, symbols. • Test content, GUI and grading correctness of Math and Physics assignments. • Analyze XML codes for course assignments. • Perform OS/Browser compatibility tests (Win 8, 7, OS X / Chrome, Firefox, Internet Explorer, Safari) • Work in Agile environment with 2-week sprint.

**SQA Engineer at Los Altos Software Testing House**

February 2014 - August 2014 (7 months)

* Web/mobile social network application, which connects activists from around the world taking action on various important causes (children, animal welfare, healthy living, nature etc.) • Studied requirements and performed exploratory testing to familiarize with the application • Created test scripts for test automation with Selenium • Composed and executed test cases and test scenarios for different features • Performed cross browsing testing in Chrome, FF, Safari, IE • Ran functional, regression, and usability testing on various mobile devices: iOS, Android • Reported defects into Bugzilla bug tracking system • Participated in weekly

QA status meetings discussing the findings, bug fixes, latest builds;

**Software QA Engineer at Spacosa**

February 2014 - August 2014 (7 months)

* Tested native mobile application (on iOS and Android platforms) which combines GPS and social networking available to groups of users • Performed GUI, Functional, Usability, Boundary and Regression tests in order to test the stability and usability of software application under test • Participated in development of test documentation – test cases, test suites, test plans, etc. • Responsible for verifying fixed bugs in new releases • Utilized Bugzilla to report software issues and monitor their resolution status • Communicated with QA lead and other team members on regular basis to maintain focus of testing effort as well as discussing new features and functionalities

**Software QA Engineer at Care2**

May 2013 - January 2014 (9 months)

* Test Web and Mobile social networking application that connects activists and non-profit organizations from around the world in order to make an impact on various social topics • Studied application requirements and familiarized with web and mobile versions • Started with exploratory testing - navigated through the website and searched for application misbehavior and compatibility issues on different browsers/platforms • Tested application’s integration with other social networks (Twitter, Facebook, Pinterest, etc.) • Wrote and executed test cases and test scenarios for a number of functionalities (i.e. Create Petition, Sign Petition, Butterfly Rewards Dashboard, etc.) • Performed compatibility testing on Chrome, FF, IE10 in Windows 7 and Safari / Mac • Ran functional, regression, and usability testing on various mobile devices: Android and IOS • Tested calls to web services to make sure correct data is sent to back end using Firebug • Reported defects into Bugzilla bug tracking system • Took part in the weekly QA status meetings discussing the findings, bug fixes, latest builds; sent status reports to QA Lead

**CEO at Kamenka Technology Inc.**

October 2010 - January 2014 (3 years 4 months)

Short and long term contracting services: - Developing and implementation Warehouse Management Software by CoreIMS™ (a solution developed under the Microsoft Windows® .NET application framework, utilizes Microsoft® SQL Server® and standard TCP/IP networking; the user interface is Windows® based) Development of test documentation (test plan, test cases, check lists, etc.) - Test cycle execution - Functional and/or Verification Test - Systems Testing - Integration Testing - Localization Testing - Software Test

Automation - Testing of Mobile Application - Web Services/Applications Testing

**Project Manager at Interterminal Software Group Inc.**

2007 - 2010 (3 years)

- developing and implementation Warehouse Management Software by CoreIMS™ - a solution developed under the Microsoft Windows® .NET application framework, - utilizes Microsoft® SQL Server® and standard TCP/IP networking; - the user interface is Windows® based

**Lead Developer, CEO at Apex Inc.**

1989 - 2003 (14 years)

Developing and manufacturing hardware and software APEX interface card. - APEX interface card is used to connect an IBM compatible computer and crate-controller CAMAC (Computer Automated Measurement And Control (CAMAC) is a standard bus and modular-crate electronics standard for data acquisition and control used in particle physics experiments and in industry). - APEX interface card provides CAMAC-user control and data acquisition systems solutions on powerful base of IBM PC compatible computers; - APEX Software is developing in-house designed software for instrument control, data acquisition, processing and interpretation of STM data: - APEX Control - software for control of STM power electronics, providing flexible adjustment and configuration of the set of units being controlled. - APEX Acquisition - data acquisition software for real-time monitoring, compression and primary data processing

**Lead Programmer at Analytical Instruments Inc.**

June 1986 - June 1989 (3 years 1 month)

Software developing for Scanning Tunneling Microscope. Developing Data acquisition software for real-time monitoring, compression and primary data processing by Borland Turbo Pascal; Control software of power electronics, providing flexible adjustment and configuration of the set of units being developed by

Turbo ASSEMBLER.

**Software Engineer at the Ioffe Institute**

April 1983 - 1986 (3 years)

Software developing for optical analysis of CdTe crystals. Developing Data acquisition software for compression and primary data processing by FORTRAN.

# Courses

**Master’s Degree, Computer Science and Physics**

State Electrotechnical University "LETI"

Semiconductor Optoelectronics 210141.68

# Publications

**Spectra of Infrared Reflection Monocrystals Hg2Br2**

Optics and Spectroscopy. 1983. - #.55. - #3. - p.580-583 1983

Authors: Dmitry Nakhabtsev, C.Barta, M.Limonov, Y.Markov

**The method of growing monocrystals of Cadmium Telluride**

Patent #1431391 at 15.06.1988 June 15, 1998

Authors: Dmitry Nakhabtsev, O.Matveev

**Research of methodology and instrumental principles of construction of vacuum tunneling electron microscope**

150-NIR-I, state registration # 01860134855, # 02880076244 1988

Authors: Dmitry Nakhabtsev, A.Golubok, N.Tarasov, D.Davydov, S.Tipisev, M.Felshtyn, S.Masalov

**Observation of the graphite surface at atmospheric pressure**

The surface, #3, p.146-149 (1989). 1989

Authors: Dmitry Nakhabtsev, A.Golubok, D.Davydov, S.Masalov, V.Timofeev

**Hardware and software for the Scanning Tunneling Microscope**

Collection of Scientific Instrumentation, Issue Electron Ion Optics, Leningrad, "Nauka", p. 77-84 (1989). 1989

Authors: Dmitry Nakhabtsev, A.Golubok, D.Davydov

**The Scanning Tunneling Microscope to research of the surface at low temperatures**

Surface-89, All-Union conference, Chernogolovka, July 4-6, 1989 Abstracts - Chernogolovka, 1989 July 4,

Authors: Dmitry Nakhabtsev, A.Golubok, D.Davydov

**The research complex for multi-dimensional parametric Mossbauer spectroscopy: FITSMI mathematical processing software package Mössbauer spectra**

Preprint #47. - L.: MAP AN SSSR, 1991 1991

Authors: Dmitry Nakhabtsev, Andrey Borodinov,

**Scanning Tunneling Microscopy of high-temperature superconductors**

Abstracts of XXV All-Union Conference on Low Temperature Physics, Leningrad, 1988, p.35. 1988 Authors: Dmitry Nakhabtsev, A.Golubok, D.Davydov, S.Tipisev, V.Timofeev

# Education

**State Electrotechnical University "LETI"**

Master’s Degree, Computer Science and Physics, 1977 - 1983

Activities and Societies: Member of University Climbing Team

**Physics and Mathematics Lyceum #239** 1975 - 1977

# Languages

|  |  |
| --- | --- |
| **Russian** | (Native or bilingual proficiency) |
| **English** | (Full professional proficiency) |

# Skills & Expertise

**Agile Methodologies**

**Selenium**

**Testing**

**Test Automation**

**Requirements Analysis**

**Test Planning**

**Github**

**Linux**

**Java**

**SQL**

**Ruby**

**RubyMine**

**Selenium WebDriver**

**Cucumber**

**Maven**

**Eclipse**

**Lettuce**

**JIRA**

**Web Applications**

**Test Strategy**

**Unix**

**JavaScript**

**XML**

**SDLC**

**Software Quality Assurance**

**Software Development**

**Project Management**

**Software Project Management**

# Patents: **The growing method of single crystals of cadmium telluride CdTe.** eu Patent Application Number #1431391, 15.06.1988 Issued June 15, 1998 Inventors: Dmitry Nakhabtsev, Matveev O.A.

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