**Dmitry Nakhabtsev**

Computer Science and Physics deamnah@gmail.com

# Summary

• 20+ years of experience in IT

• Engineer/MS degree in Computer Science

• Full SDLC experience, including developing and implementing TP, TC and test matrices

Dima🡪Dmitry🡪NAKHABTSEV

***TECHNICAL SKILLS:***

*Programming: Java, Ruby, Batch, Bash, RegEx, Shellscript, Apex, SQL, Git, GitHub*

*Database: Oracle, MySQL*

*Test Automation: Lettuce, JAVA, Maven, JUnit, TestNG, Cucumber, Ruby, Selenium Webdriver, HtmlUnit, JMeter*

*Software: Eclipse, IntelliJ, RubyMine, VI.*

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

*Virtualization: VMware Server, Oracle Virtual Box*

*Advice for Contacting Dmitry*

*Cell: 315 459-1970*

# 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 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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[Contact Dmitry on LinkedIn](https://www.linkedin.com/profile/view?id=AAEAAAgd7NgB2ItTUsnFPmLMhLjj1kkL6JbMu3A&authType=name&authToken=9aIU&goback=%2Epdf_AAEAAAgd7NgB2ItTUsnFPmLMhLjj1kkL6JbMu3A_*1_en*4US_*2_*2_DmitryNakhabtsev_true_*1)