

Elvin V

Software Engineer in Test

New York, NY

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- To obtain an employment opportunity that will utilize as well as develop and expand my abilities in field of Computer Science and Engineering.

WORK EXPERIENCE

Senior Software Engineer in Test

American Express - New York, NY - October 2014 to Present

- Manage QE activities within Amex Core Mobile Team.
- Working closely with Product Team to identify and analyze Business Requirements and User Stories.
- Define and Lead the development of Amex iOS/Android EnterpriseApp Use Cases, Scenarios and Test Cases (KIF, Cucumber, Appium, Rubymines).
- Collaborate with manual QA team to automate and optimize all manual activities.
- Work with Product, Test, Design and other stakeholders for successful launches in tight timelines of Proof of Concept apps (Rewards&Membership, Platinum Card, Cardless and etc).

Software Engineer in Test / Business Analyst

Higi - Chicago, IL - February 2014 to Present

Sr. Software Engineer in Test/Business Analyst, Chicago IL

- Manage and Lead all QA activities within the startup company (BlackBox, Regression, Integration, Smoke and etc).
- FDA Medical device quality Compliance Management from SDET perspective (510ks).
- Working closely with Business Users to identify and analyze Business Requirements.
- Define and Lead the development of KioskUI Use Cases, Scenarios and Test Cases (Selenium, C#).
- Identifying fit/gaps in the design against Business Unit's current process.
- Define and Lead the development of Higi Android app Use Cases, Scenarios and Test Cases (Robotium, UIAutomator, MonkeyRunner).
- Capturing business requirements following Standard Operating procedures and translating them to functional specs.
- Higi Web Services testing (REST, C#, JSON).
- Create and Maintain QA Build Server for Continuous Integration and Deployment (Azure, SQL Server VM, TeamCity).
- Anonymized Data Analytics (Tableau, SQL Server Management).
- Assist in minor web development tasks (Javascript, PHP UnitTest).
- Providing regular updates to the project team (SCRUM).

Senior Software Engineer in Test

Motorola Solutions - Schaumburg, IL - December 2011 to February 2014

- Create Use Cases and Scenario Outlines of test cases based on L2 and L3 level Architecture Requirements.
- Lead development of Python and XML tests scripts for Automated Box Testing (Sanity, Regression, Performance) of Motorola Public Safety Mission Critical LTE products (QoS, LoS) on Windows, Windows Mobile and Android (via ADB and SL4A) in Agile environment.

- Evaluate test results via captured (WIRESHARK) SIP/LRRP message exchange (REGISTER, SUBSCRIBE, NOTIFY, ACK, INVITE, Service Data Flows and etc) between Client and Server, as well as individual message packet analysis (DSCP, TOS values and etc).
- Troubleshoot/Debug via log collection (logcat, Automation Framework logs, Heapdump and etc) and analysis.
- Test Framework Development and Troubleshooting in Python.
- SR creation/ report/validation via CQCM.

Test Automation Engineer

Motorola Mobility - Libertyville, IL - May 2011 to December 2011

Developed apython test cases/scripts for automation testing of Telephony, Messaging, Browser and Multimedia technologies used in Motorola android 4G LTE products (phones, tablets).

- Development and maintenance of web portal (PHP/MySQL) used for log collecting/analysis.
- Hands on experience with the following environments and tools: Test Central, Bugzilla, RadioComm, ADB
- Report bugs into Bug-reporting software(JIRA).

FEA Software Engineer, Atzenhain Germany

Huerner-Funken GmbH - February 2010 to December 2010

Designed and created 3D models of impellers using Calculix (pre-processing CGX), CAD.

- Meshed models using various meshers (Netgen, Calculix-CCX, GMSH).
- Wrote Calculix scripts (similar to ABAQUS) to solve for calculation of stresses, loads and displacements using Finite Element Method.
- Post-processing via Calculix CGX.
- Evaluated the results, via conducting real-life BURST tests in the lab environment.

Technician

Illinois Institute of Technology - Chicago, IL - September 2009 to February 2010

Jan 2011-May 2011

- Developed software for IIT (Powershell, Python, SQL, PHP).
- Maintained servers, troubleshooting network connections, BIOS updates
- Organized conferences (live streaming, cameras, microphones), general troubleshooting.

Manufacturing Engineer

John Deere - Waterloo, IA - January 2008 to January 2009

Designed, created and performed troubleshooting of simulations that describe the production processes on the cab line using AliSS(also used in John Deere in Manheim, Germany).

- Analyzed output data and providing recommendations based on it for production process optimization and provided troubleshooting and update services for MEs that use created simulations.
- Provided regular torque inspections for tools in stock, updated operator certifications, working with SAP database tracking parts and tools on plant site.

Troubleshooter

Apple Inc - May 2007 to August 2007

Baku Azerbaijan May 2007-Aug 2007, May2008-Aug2008

- Various software installation/uninstallation/troubleshooting.
- Regular system updates, operating system management/installation/troubleshooting, network setup.
- Hardware troubleshooting/management/replacement.
- Provided general troubleshooting for customers.

RELATED COURSEWORK

Computer Science

- CS 350-Information Resource Management
- CS 320-Data Structure&Algorithm Analysis
- ITM 421-Data Modeling and Applications(SQL/Oracle)
- ITM 540- Data Networks and Internet
- ITM 562-Web site Application Development(w/JavaScript, CSS, PHP, HTML, AJAX, FLASH)
- CS 360-Operating Systems
- CS 460-Systems Design Project

- ITM 411-Soft Development(w/Java)
- ITM 513-Open Source Programming(w/Python, Ruby, Scala)
- ITM 565-Rich Internet Applications(w/JavaScript, CSS, PHP, HTML, AJAX, FLASH)
- CS 340-Computer Organization (w/Python, Java)

Engineering Science

- ES 205-Structural Statics(w/Lab)
- ES 305-Electronics and Digital Systems(w/Lab)
- ES 206-Thermal Science(w/Lab)
- ES 304-Fluid Mechanics(w/Lab)
- ES 204-Electrical Circuits(w/Lab)
- ES 303-Structural Analysis(w/Lab)

PROJECTS

EDUCATION

Master's in ITM

Illinois Institute of Technology - Chicago, IL
December 2011

Bachelor's in Computer Science

Wartburg College - Waverly, IA
May 2009

BA in Mechanical Engineering

Wartburg College - Waverly, IA
2005 to 2009

ADDITIONAL INFORMATION

TECHNOLOGY SKILLS

- Windows: Powershell, Visio, Visual Studio, Autocad, AliSS, NetBeans IDE, SQL Server, Maple, MATLAB, Calculix, Abaqus, WAMP, Eclipse, CPCPS, Insight, ClearCase, Doors, CeRegEditor, Wireshark, ActiveSync, HP Quality Center, MonkeyRunner, ADB, AirTracer, FlashZap, Telnet, SSH, GIT, Jenkins, Rackspace, Amazon Cloud Services, C#, Python, AutoIT
- Linux: Kernel programming, bash scripting.

LANGUAGE SKILLS

- English(flt), Russian(flt), Turkish(flt), Azeri(flt), French(beginner)