



Nairi Stepanyan

Software Engineer and Software QA
Team Lead

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An interesting mix of software and QA engineering experience lasting over two decades. Actively involved in product design, development and test management activities. Demonstrated track of record of completing projects on time with respective quality.

WORK EXPERIENCE

Software Engineer Synaptics Inc.

02/2017 - 03/2020

Yerevan, Armenia

Achievements/Tasks

- Actively worked in an agile software development environment based on the Scrum process. Adjusted firmware features according to the given specification.
- Developed unit tests using Google Test and Unity Test frameworks.
- Produced a set of scripts to automate the Open Source Release package build process. Authored the required make files to perform a build on an AOSP environment.

Software QA Team Lead Synaptics Inc.

02/2015 - 02/2017

Yerevan, Armenia

Achievements/Tasks

- Produced Test Plans and Procedures to keep the QA flow controlled and in synch with product release milestones.
- Authored a bunch of shell scripts to perform a scan of source files being distributed by the Open Source Release package.
- Worked with engineering team tightly to develop the required scripts and automate the portions of unit testing.

Software QA Team Lead Validity Sensors Inc.

11/2006 - 01/2015

Yerevan, Armenia

Achievements/Tasks

- Created Test Plan/Case documents based on the product requirements for all required platforms.
- Performed Apache and Tomcat servers custom build procedures, configuration with further installation and setup. Dealt with MySQL database build, installation and management. Installed and configured Lotus Notes Domino Server and Client applications.
- Implemented various batch and shell script files for automated and unattended testing. Identified, investigated, reproduced and reported bugs through different bug-tracking systems.

Software Engineer Validity Sensors Inc.

11/2006 - 05/2009

Yerevan, Armenia

Achievements/Tasks

- Designed and developed Test Tools to perform firmware verification.
- Participated in design and implementation of Biometric Test Suite's UI and internal logics.

EDUCATION

Master in software engineering

State Engineering University of Armenia

09/1991 - 08/1996

SKILLS

Software Engineering

Software Development

Quality Assurance

Test Automation

Scrum

TOOLS/TECHNOLOGIES

FPGA, Raspberry Pi, HiKey and Dragon boards

Xtensa Toolchain

CMake and Android MK

Polyspace Bug Finder

Git

Confluence, Jama, Jira, Jenkins

PROGRAMMING LANGUAGES

C

Used in almost all projects.

Python

Mastered recently (around 3 years) to automate required tasks.

C++

Started professional career with. Not used actively enough, need to regain.

LANGUAGES

English

Professional Working Proficiency

Russian

Full Professional Proficiency

Armenian

Native or Bilingual Proficiency

INTERESTS

Artificial Intelligence

Cryptography

Security