

# Volodymyr Tarasenko

## Engineer QA

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### IT related experience

**Bank JSC 'Ukreximbank' - Technical Engineer QA\_** (10.2017 – at Present)

**Testing of Commerce Applications** for **payment** POS-terminals. In a **test terminal**, I simulate payment actions without in a virtual way by payments terminal I create issue in **Data Base**. If this terminal needs install to point of sale I test the work of this device. Also, I work with payment and communications of this terminal.

**Front-end testing:** I check user Interface menu in POS-terminals, the printed receipt, testing work payments (NFC, magnet stripe and EMV) and communications (GSM/DHCP) ... etc.

**Back-end testing:** Our external developer sends to bank **fixes** for our server. I test this fix, after that if something works wrong work, I switch this terminal to **debug mode** and download **log file** with helping **RS232** port. Then, I find errors if I can't find errors, I send this data to developers ... etc.

**Create/Update documentation** for end-users POS-terminals. I use ready **manual test** cases in my work for functional menu and **regression test**. I troubleshoot configuration issues. I integrate the components, new equipment in system and test the work of system. I use the **test tools: OTRS** (bug tracking tool). This system works on side our developer server. I use of my work FTP/Shell/SSH/RDP... etc. I provide the **customer support** communication and solve problems of customers.

#### During last year when I'd free time I was learning C++ on RaspberryPi

I learn **C++** on embedded device. I can worked with OS **Linux** Debian on RPi and **QtCreator** on this board. Also, I have been tuning on my desktop with **Windows** 10 plus **CLion** 2020 for remote run/debug code C++ on Raspberry Pi.

// I can work installation and configuration QtCreator on Rasbberry Pi Linux create **.sh** file for autoimmunization when it was needed to reinstall software, I use **MC** (Midnight Commander)

// I can run code "**POCO WebServer**" [www.pocoproject.org](http://www.pocoproject.org) configuration by using **CMake** for **Debug**

// I used remote access to board **Putty ssh** or **FAR commander, VNC, ftp**

// For convenience edit C++ code I used CLion editor on Windows and I edited CMake for debug code on my desktop GitHub:

<https://github.com/dotignore/Raspberry/tree/master/Raspberry Cpp/3 webfiles cpp/edit 05 Qt%2BDebug release>

// I really spent a lot of time for tuning **VSCode** Debug mode on **Raspberry Pi** and I couldn't run **JSON** file in this **IDE** for debug C++ code on board. May be such a problem connect with absent file

◆ **CMakeLists.txt**

**Electrical engineer** – Self-employed (03.2013 – 10.2017) - 4 yrs 9 mons

Electrician, Network Installation Architect, Reconstruction, used Autocad ,etc

Architectural draftsman and designer, engineering plans for projects developing

**SmartHome** – Trainee (10.2016 – 02.2017) - 5 mos

This project consists of two parts HW/SW. My work in most part consisted of installation changing hardware parts (board switch relay module, on/off switch, temperature sensor, gas detector module, humidity sensor etc.) and I connected them to local network rj45/wifi. The SW (SoftWare) part worked on computer and provided service for remote control HW (HardWare) board relays. I learnt C#

◆ language programming on test server.

## **Computer First-aid service – Self-employed**

(08.2011 – 03.2013) - 1 yr 8 mons

Installed SW, installed drivers for devices, recovered DATA, etc.

## **Профн Газ - Service engineer**

(04.2011 – 07.2011) - 4 mons

Find & **fix** in AUTOGAZ ECU STAG in petrol **ECU** (Electronic Control Unit), driving on gas, **Upgrade, DowdGrade firmware** ECU STAG (www.ac.com.pl). (**PCB**) AUTOGAZ ECU STAG principal scheme analytics, find & fix broken cars' wiring, required electronics components purchasing, automotive alternator fix

## **e-commerce site E7.com.ua - Head of the e-commerce site**

(09.2009 – 04.2011) - 1 yr 8 mons

// website testing, 1C software testing, create design **UI** website, website promotion, network installation, company server installation on **Windows 2003 Server + Firewall, RDP, HTTP, FTP** services, client computers' installation software. Management of a small team: 2 developers team supervision (1C developer and PHP developer), tasks creation, tasks implementation supervision, **Web Hosting**

## **Bank JSC 'Ukreximbank' - Call Center Engineer-operator**

(09.2003 – 08.2009) 6 yrs

// operation monitoring, payment systems (Visa, MasterCard) network channels monitoring, clients support

## **Senior Sales Manager – Ronex**

(04.2000 – 07.2002) - 2 yrs 4 mons

Company server installation on Windows 2000 Server + "RAID 1", clients computers installation, 1C accounting installation, mail service installation, Firewall installation, chat service, IBM PC assemblage, LAN network installation, company telephone network installation and automatic telephone exchange programming.

## **TECHNICAL SKILLS**

**Hardware:** USB to RS-232, VeriFone, Raspberry Pi, recovered DATA, Multimetr, Soldering, ECU (Electronic Control Unit), Fix, RAID, LAN

**Operating Systems:** MS Windows Server (RDP, FTP, HTTP, HTTPS, POP3, SMTP, Terminal Server etc) Putty  
Linux: MC Midnight Commander, VNC, terminal, .sh scripts etc  
FreeBSD: (kernel configuration, SSH, proxy, firewall, DNS) etc  
Macintosh/Hackintosh/MS DOS

**Experience:** Eagle PCB CAD schematic capture user.

**Software:** VMware, Parallels Desktop Inventor, Web design/UI (User Interface), Adobe Photoshop, Adobe Illustrator, FinalCut, Rhinoceros 3D modeling, MS Office, etc

**Programming Languages:** HTML, C++ (compil/debug code), QTctaretor, CLion, Visual Studio/VSCode, CMakeLists.txt, JSON

**Banking Skills:** POS Master POS terminal, OpenWay Way4, Testing, Visa, MasterCard, AMEX, Inpass, EMV, "LFS" system this is EDMS - electronic document management system

**Installation:** network/telephone (UTP/FTP cable, low electric 220V/380V)

**Other skills:** SDR (software defined radio), DMR radio, Soldering, Multimetr, Oscilloscope, Upgrade/DowdGrade firmware on Android device, OpenWRT, AutoCAD, REI - rules of electrical installation Ukraine, Electrical installation guide According to IEC international standards "Schneider Electric S.A."

## **EDUCATION**

// Kyiv National Economic University, **Applied statistics**, Master's degree diploma M16 #019015 2016

// Professional Technical School, 3rd category **electrician**

// Specialized Courses, 1st category **radio equipment adjuster**

**Personal qualities:** Ability to work independently with very little direction/supervision, analytical, self-organizing skills, troubleshooting, responsible, honest, sociable.

**Languages:** Russian\Ukrainian – native, English – Upper-Intermediate

**Driver's license** - category "B"

More information about my hobby and work you can see my GitHub

[https://github.com/dotignore/Raspberry/blob/master/differents things/README.md](https://github.com/dotignore/Raspberry/blob/master/differents%20things/README.md)