Bohdan TROTSENKO

Go/C#/F#/Rust SOFTWARE DEVELOPER

+ CONTACT

Telephone	☎ +38 063 732 43 89
Email	✉ bohdan@trotsenko.com.ua
Skype	bohdan_trotsenko
Hangouts	modosansreves@gmail.com

+ EXPERIENCES

Epam
Senior Developer

I work on CoreOS-based solution that runs containers in kubernetes. The language of choice is **Go**. The primary focus is on networking.

October 2016-current, Kyiv

Epam/Barclays Offshore Development Centre,
Software Developer

I developed a few tools for data validation (**C#/F#**),
Contributed to a large report system (written in **java** using **Spring**, also uses **jmock** and **junit**, has some OS-native parts linked via **JNI**; hosted on a **Tomcat** server).
I worked on a big risk-generation system written in C# (it constisted of multiple services (the primary technology there was **WCF**; **Solace** aws used widely to deliver the messages); had a **WPF** front-end)

March 2013-February 2015, Kyiv

Institute of cybernetics,
Researcher

I was the primary developer of the Ukrainian Sign Language application and Ukrainian Fingerspelling application (2008-2013), which involved C#, F#, C++, WPF and 3D.

2008-2013, Kyiv

Materialise,
Internship

I worked to improve performance of C++ code in the Sonaray project. The project was large (taking a few hours to build from a cleaned state on ~50 machines via IncrediBuild). It was cross-platform, using own library to build UI.

2005, Kyiv

+ MY PROJECTS

Messaging bus

http://messagingbus.codeplex.com/ (open-sourced)

Messaging Bus is a library for parallel computing with .Net. Primary entities of the library are: Messages, Workers, Buses. It allows to painlessly move out the I/O code from the UI thread, use all available cores for CPU-heavy tasks.
Provides a way to create a readable code that represents a workflow. It was started before Microsoft's TLP was announced and has different advantages and drawbacks.

The second version of the library (codenamed NeoMessaging) is in the works.

+ IT PROFESSIONAL SKILLS

Programming Languages and technologies

F# (My recent love, the language I dug in about three years ago; I used it heavily for developing on-the-run due to the REPL nature of F# interactive; used to prototype; used instead of PowerShell; coded the CodeJam-2012, 2015, 2016 in F# entirely)

Go (Learned the language to get experience/understanding of what it's like to code with goroutines and channels; language of choice for CodeJam-2013; I delivered a number of talks in Kyiv in 2014-2016)

C# (the primary language of coding in the last 6 years, LINQ included)

WPF (the UI of choice, used for most of projects during the last 3 years; I went as far as developing my own Panel for animating UIElements)

WinForms, TPL, .Net Remoting (used occasionally for small projects)

C++, STL, boost, MFC, COM (mostly used in 1999-2007, I coded many

algorithms, including ACM and USACO olympiads; later in internship)

Java (used for large reporting system in the bank, wrtten with Spring; the other notable thing created was in 2005 - a J2ME client connecting via bluetooth to a server in .Net, showing a series of images; a few tests for my Android 2.3)

Scala (I've finished a course on coursera – see my webpage)

Ocaml (I've played with the language as it is the predecessor of F# and I love Linux that much; so I wanted a fast equivalent)

Bash (created some scripts to automate routine tasks in Ubuntu)

Python (used mostly for prototyping in Linux)

Assembler (ironically, used mostly in days of DOS; I even wrote a few TSR programs)

Arduino (trying it out in 2015)

Versioning	**svn, hg, git, bzr**
Datbases	**Good knowledge of SQL**
Design	**GIMP, Paint.Net**
Administration	**Ssh, configuring Samba, Linux (mostly Ubuntu, then Debian, Gentoo), Windows (98 – Win7)**
Web	**Wordpress, HTML & CSS, some php, asp.net**
Other	used **Linux** since Red Had 6.0 and Ubuntu 6.0, Windows since 3.11, DOS trying to run linux or open-wrt on pretty much everything with a cpu – recently these are apc 8750 board and mini Xplus.

I've been using **Scrum** for two years at epam.

+ EDUCATION

2002 - 2007	**Kyiv Taras Shevchenko Universtity**
	Department of Computer Sciences, obtained dimplomas: banchelor of applied mathematics, specialist of Social Informatics.
	Finalist in All-Ukrainian ACM Olympiad, 2003
	Participated in Regional ACM Olympiad in Romania, 2003, 2004
1999-2002	**Ukrainian Lyceum of Physics and Math**
	I participated in the All-Ukrainian Olympiads of Informatics in 2001, 2002.

+ SPOKEN LANGUAGES

Ukrainian, Russian (fluent)

English (C1)

French (B1), **German** (B1)

+ IMPORTANT ONLINE IDENTITIES

Programming blog	https://modosansreves-coding.blogspot.com/
Stackoverflow (current karma is 2,654)	https://stackoverflow.com/users/58768/bohdan-trotsenko
Personal page	https://trotsenko.com.ua

+ OTHER SKILLS AND HOBBIES

Watching Channel9, attending conferences (MS SWIT 2012), CodeJam
Reading Seth Godin's books and blog
Photography
Learning languages
Toastmasters (public speaking and leadership club)
Eliezer Yudkowsky and his rationality sequences