Artsiom KALTOVICH

Software Engineer
Minsk, Belarus

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SUMMARY

I graduated Belarussian State University of Informatics, Faculty of Computer Systems and Networks with incline to asymmetric cryptography. Also I've completed a number of online courses in computer science, machine learning, mathematics and economy.

For 4.5 years I've worked as system programmer in IBA Group on supporting database-management system UDS/SQL for BS2000/OSD mainframes. Currently I am working in Workfusion Inc. in Automation Academy department, improving online courses, making samples and teaching student in machine learning sphere.
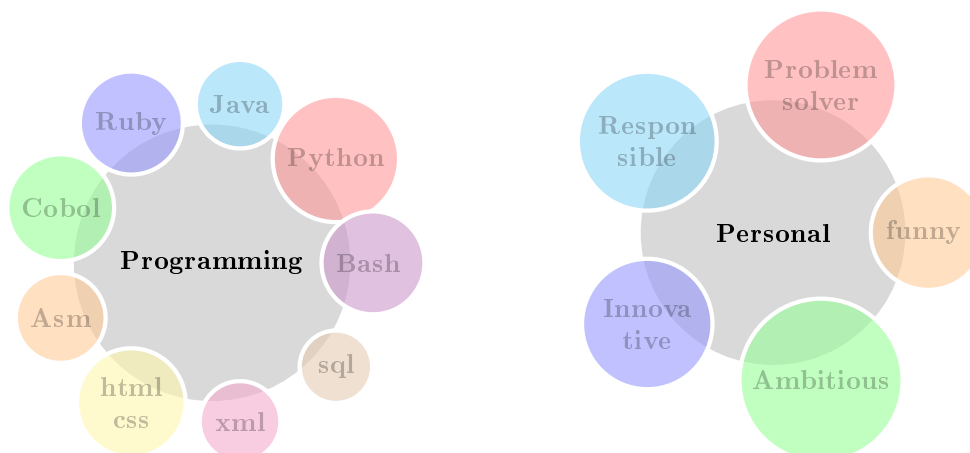
I am attracted by machine learning, data science, statistics and possibilities they open. I like learning new, besides it I am interested in math, physics, history, languages and economy.

I used to dance Lindy hop and Blues dances. I would like to learn how to play ukulele and painting.

PROFESSIONAL PROFILE

- System programmer, 4+ years of experience in the system programming.
- Java developer, 4+ years of experience in java programming, including problem resolution and testing, design of user interface.
- Background knowledge in computer organization and architecture, operating systems.
- Knowledge of common data structures and algorithms.
- Good problem solving skills.
- Ability to work successfully both individually and as a team member.
- Good responsibility and motivation
- Practical knowledge of object-oriental, structured and functional programming, understanding of principles of software development, machine learning, data science and cryptography.

SKILLS

DETAIL

Programming Languages:	Assembler (x86, z/OS, BS2000 OSD), C,C++, C#, Cobol, Delphi, **Groovy**, **Java**, PHP, **Python**, SPL, **SQL**, Ruby
Web Technologies:	.NET, J2EE, **Django**, Flask, Ruby on Rails
Databases:	MS SQL, **MySQL**, SQLite, UDS/SQL
Operating Systems:	Android, BS2000 OSD, **Linux**, Windows, z/OS
Other Skills:	CSS, Eclipse SDK and RCP, IDEF, JFace, **git**, LaTeX, **HTML**, Mathematica, Octave(Matlab), SWT, UML, **XML**, VHDL

LANGUAGES

Belarussian:	Bilingual
Russian:	Bilingual
English:	Fluent
German:	Intermediate
Spanish:	Basic Knowledge

WORK EXPERIENCE

Dec 2017 – Present **Workfusion**

Dec 2017 – Present *Software Engineer*	Automation Academy
Responsibilities	Providing environment for education of partners' students, included creating samples, Q&A sessions, course creating and training, grading assignments, troubleshooting. Communication with development team on issues, future requests, implementation, etc
Environment	Java, Selemium, XML, Web-Harvest, WorkFusion

Feb 2017 – Mar 2017	**Remote work/side project**

Feb 2017 – Mar 2017 *Data Sciencer* *Python Developer*	Migrating pipeline of analyzing scientific data in bioinformatics research from R to Python
Responsibilities	Visualizing data, p-value, correlation and other metrics calculation
Environment	Linux, Python, R, Matplotlib, Biopython, Bokeh, PyPlot, sklearn, pandas, Microsoft Excel, Libreoffice Calc

Jun 2013 – Mar 2017	**IBA Group**

Jun 2016 – Mar 2017 *Eclipse Developer*	Developing extension for Eclipse IDE (user-defined editors and views)
Responsibilities	Designing and developing a solution to control, modify and remotely update resources within Astelit Migration Project in an environment consisting of custom built Perl scripts, customizable local resources hierarchy and multiple Maximo 7 instances
Environment	Eclipse SDK and RCP, Java, SWT, JFace

Jul 2015 – Mar 2017 *Java Developer*	Astelit
Responsibilities	Upgrading ERP-system from IBM Maximo 5 to Maximo 7. Migration applications workflows, user interfaces from JSP to XML, database schema (queries, indexes, triggers, procedures), migration custom PHP-reports
Environment	Linux, Java, WebSphere, JSP, XML, SQL, PHP, Perl

Oct 2013 – Dec 2017 *System Programmer*	BS2000 Tools: UDS/SQL
Responsibilities	Support and maintenance of UDS/SQL, including bug fixing, new features development, testing, new release/version creating
Environment	BS2000, AID, COBOL, LMS, SDF, OpenFT, Assembler, SPL

Jul 2013 – Oct 2013 *Developer/Intern*	Internal IBA
Responsibilities	Application development on COBOL, SPL4 and Assembler: education of BS2000 operating system, studying of BS2000 system tools: LMS, EDT, BINDER, AID
Environment	z/OS, BS2000, Cobol, Assembler

EDUCATION

Sep 2010 - Jun 2015	**Belarusian State University of Informatics and Radioelectronics**, *Minsk*
Faculty	Computer System and Networks
Department	Software for Information Technologies
Thesis	Asynchronous encryption
Average Mark	8.8

Scholarships and Certificates

Coursera	*Machine Learning* - Stanford University
	Cryptography I - Stanford University
	Introduction to Mathematical Thinking - Stanford University
	Теория игр (Game Theory) - National Research University Higher School of Economics, Moscow
	Экономика для неэкономистов (Economics for non-economists) - National Research University Higher School of Economics, Moscow
	Документы и презентации в LaTeX (Introduction to LaTeX) - National Research University Higher School of Economics, Moscow
	Введение в машинное обучение (Introduction to Machine Learning) - National Research University Higher School of Economics, Moscow. Yandex School of Data Analysis
openedu.ru	*Макроэкономика(Macroeconomics)* - National Research University Higher School of Economics, Moscow
udacity.com	*ud120: Intro to Machine Learning*

Interests and Activities

Programming, Mathematics, Physics, History, Languages, Economy, Politics. Dancing, Cooking, Traveling.