

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.

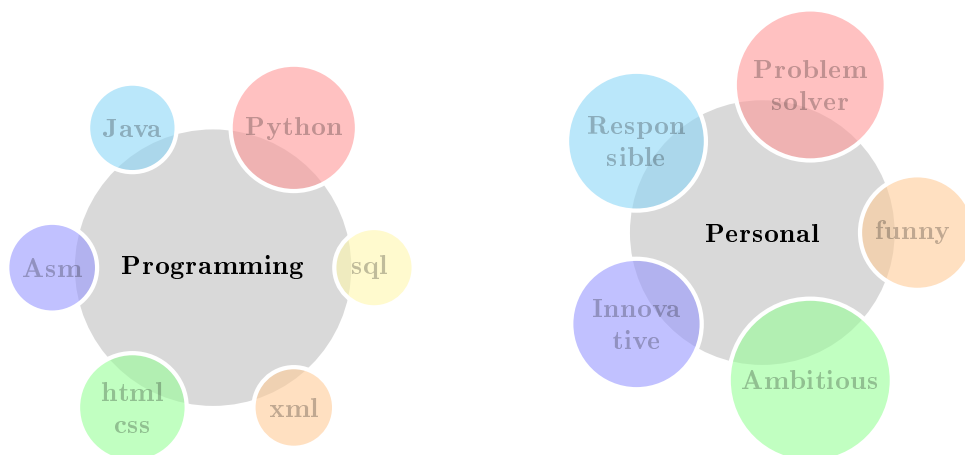
I am attracted by machine learning, data science, statistics and possibilities they open. I like learning new, besides it I am interested in math, physics, history, languages and economy.

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

Jun 2018 - present **SK Hynix Memory Solutions Eastern Europe**

<i>Jun 2018 - present</i>	NAND Testing and Emulating
<i>Software Engineer</i>	
Responsibilities	Creating model and software for emulating and testing NAND Firmware
Environment	Python, C

***Dec 2017 – Jun 2018* Workfusion**

Dec 2017 – Jun 2018

Software Engineer

Responsibilities

Automation Academy

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, Selenium, XML, Web-Harvest, WorkFusion

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

Feb 2017 – Mar 2017

Data Sciencer

Python Developer

Responsibilities

Environment

Migrating pipeline of analyzing scientific data in bioinformatics research from R to Python

Visualizing data, p-value, correlation and other metrics calculation

Linux, Python, R, Matplotlib, Biopython, Bokeh, PyPlot, sklearn, pandas, Microsoft Excel, Libreoffice Calc

***Jun 2013 – Dec 2017* IBA Group**

Jun 2016 – Mar 2017

Eclipse Developer

Responsibilities

Environment

Developing extension for Eclipse IDE (user-defined editors and views)

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

Eclipse SDK and RCP, Java, SWT, JFace

Jul 2015 – Mar 2017

Java Developer

Responsibilities

Environment

Astelit

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

Linux, Java, WebSphere, JSP, XML, SQL, PHP, Perl

Oct 2013 – Dec 2017

System Programmer

Responsibilities

Environment

BS2000 Tools: UDS/SQL

Support and maintenance of UDS/SQL, including bug fixing, new features development, testing, new release/version creating

BS2000, AID, COBOL, LMS, SDF, OpenFT, Assembler, SPL

<i>Jul 2013 – Oct 2013</i>	Internal IBA
<i>Developer/Intern</i>	
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

<i>Sep 2010 - Jun 2015</i>	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

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

INTERESTS AND ACTIVITIES

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