

Artsiom KALTOVICH

Software Engineer
Minsk, Belarus



links are clickable, but not in github preview :)

 [ArtyomKaltovich](#)

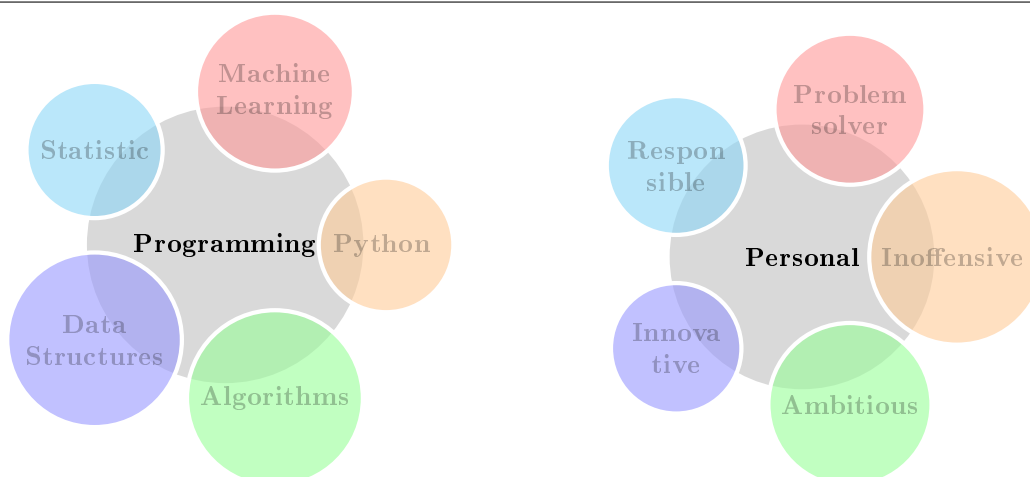
[k](#) [linearleopard](#)

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 [artyomkaltovich](#)

SKILLS



DETAIL

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

LANGUAGES

Belarussian:	Bilingual
Russian:	Bilingual
English:	Fluent
German:	Pre-Intermediate

WORK EXPERIENCE

***Sep 2019 - present* Big Data Solutions**

Sep 2018 - present
Software Engineer

Responsibilities

Creating Pandas-like wrapper for OneTick database query language

Creating architecture and implementing of Pandas-like representation of OneTick query language and database objects. Creating tests for implementation. Collaboration with OneTick developers for simplifying and improvement of the wrapper. Code reviewing. Creating and updating Sphinx doc.

Environment

Python, OneTick, Sphinx, pytest, fintech

***Jun 2018 - Aug 2019* SK Hynix Memory Solutions Eastern Europe**

Jun 2018 - Aug 2019
Software Engineer

Responsibilities

NAND Testing and Emulating

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

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

Environment

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

<i>Jul 2015 – Mar 2017</i>	Astelit
<i>Java Developer</i>	
Responsibilities	Upgrading ERP-system from IBM Maximo 5 to Maximo 7. Developing extension for Eclipse IDE. Migration applications workflows, user interfaces, database schema, custom PHP-reports. Designing and developing a solution to control, modify and remotely update resources, customizable local resources hierarchy and multiple Maximo 7 instances.
Environment	Linux, Java, WebSphere, JSP, XML, SQL, PHP, Perl
<i>Jul 2013 – Dec 2017</i>	BS2000 Tools: UDS/SQL
<i>System Programmer</i>	
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

EDUCATION

<i>Sep 2019 - present</i>	Bionformatic Institute, Saint-Petersburg
Department	Algorithmic Bioinformatics
<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

Coursera	<i>Machine Learning</i> - Stanford University
	<i>Cryptography I</i> - Stanford University
	<i>Introduction to Mathematical Thinking</i> - Stanford University
	<i>Biology Meets Programming: Bioinformatics for Beginners</i> - University of California San Diego
	<i>Теория игр (Game Theory)</i> - National Research University Higher School of Economics (HSE), Moscow
	<i>Экономика для неэкономистов (Economics for non-economists)</i> - HSE, Moscow
	<i>Документы и презентации в LaTeX (Introduction to LaTeX)</i> - HSE, Moscow
	<i>Введение в машинное обучение (Introduction to Machine Learning)</i> - HSE, Moscow. Yandex School of Data Analysis (SDA)
	<i>Basic Modeling for Discrete Optimization</i> - The University of Melbourne, The Chinese University of Hong Kong
openedu.ru	<i>Макроэкономика (Macroeconomics)</i> - HSE, Moscow
	<i>Анализ данных на практике (Data Analysis in Practice)</i> - Moscow Institute of Physics and Technology (MIPT)
stepik.org	<i>Основы статистики (Statistics: Basics)</i> - Computer Science Center (CSC - JetBrains, St.Petersburg)
	<i>Алгоритмы: теория и практика. Методы (Algorithms: theory and practise. Methods)</i> - Bioinformatics Institute, St.Petersburg
	<i>Алгоритмы: теория и практика. Структуры данных (Algorithms: theory and practise. Data structures)</i> - Bioinformatics Institute, St.Petersburg
	<i>Молекулярная биология и генетика (Molecular Biology and Genetics)</i> - Bioinformatics Institute, St.Petersburg
	<i>Основы дискретной математики (Discrete mathematics: Basics)</i> - Computer Science Center (CSC - JetBrains, St.Petersburg)
	<i>Математический анализ (часть 1) (Calculus (Part I))</i> - Computer Science Center (CSC - JetBrains, St.Petersburg)
	<i>Теория вероятностей (Probability theory)</i> - Computer Science Center (CSC - JetBrains, St.Petersburg)
	<i>Молекулярная биология клетки (Cell Molecular Biology)</i> - Bioinformatics Institute, St.Petersburg
udacity.com	<i>ud120: Intro to Machine Learning</i>

INTERESTS AND ACTIVITIES

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