

# Aleksandr Salatich

## Personal details

Birth April 20, 1992  
Marital status Unmarried  
Citizenship Russia

## Education

- 2016-present **PhD Program, Information technology and numerical methods**  
*Physics Faculty, Department of Computational Physics, St.Petersburg State University, Russia*
- 2014-2016 **Master in Applied Mathematics and Physics**  
*Physics Faculty, Department of Computational Physics, St.Petersburg State University, Russia*  
Master Thesis in June 2016 (grade 5 of 5): Development of Distolym software subsystems (written in Russian)
- 2010-2014 **Bachelor in Applied Mathematics and Physics**  
*Physics Faculty, Department of Theoretical Physics, Omsk State University, Russia*  
Bachelor Thesis in July 2014 (grade 5 of 5): Simulation of dynamic phase transitions in Ising-like systems under a time-dependent oscillating external field (written in Russian)

## Work experience and projects

- 2014-2016 **Junior PHP Developer**  
*St.Petersburg State University*  
Development of Distolym program complex for conduction Online Competition in Physics (part-time employment)
- 2017 **Junior Java Developer**  
*JSC Bank "PSCB"*  
[www.pscb.ru](http://www.pscb.ru)  
Development Payment Aggregator and Payment System (e-commerce)
- 2017-present **Junior Java Developer**  
*Rostelecom Contact-Center*  
[www.rostelecom-cc.ru](http://www.rostelecom-cc.ru)  
Development software for communication with customers through digital channels (omnichat.ru)

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## Skills

**Programming languages:** Java, Groovy, SQL, JavaScript

**Frameworks:** Spring Framework, Hibernate, JUnit, Apache Maven, Grails

**Databases:** PostgreSQL, MySQL, Oracle

**Java application servers:** Tomcat, GlassFish, WebLogic

**IDEs:** IntelliJ IDEA, NetBeans, Microsoft Visual Studio

**VCS:** Git, SVN

**Continuous Integration:** Jenkins

**Virtualization:** Oracle VM VirtualBox, Docker

**Issue tracking:** Jira

**High Performance Computing:** MPI, OpenMP

**Mathematical software:** Maple, Matlab, Mathematica, SymPy

**Document preparation systems:**  $\text{\LaTeX}$ , Microsoft Office

**OS:** Microsoft Windows, Linux

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## Additional Information

### Conferences and publications

- 2018 **Confluent Heun equation and equivalent first-order systems**  
Polynomial Computer Algebra 2018
- 2017 **Confluent Heun equation and confluent hypergeometric equation**  
Zap. Nauchn. Sem. PDMI
- 2015 **A Distribution Model for Fuels Production and Consumption in the World**  
International Student Conference, Science and Progress, St.Petersburg, Peterhof
- 2015 **Distolymp multi-platform program complex for testing knowledge and practical skills**  
*Modern Information Technology. Theory and practice*  
Proceedings of the 2nd All-Russian Research-to-Practice Conference, Cherepovets

### Additional Education

- 2013 **Advanced Training Course**  
*Institute of Mathematics and Information Technologies, Omsk State University, Russia*  
Introduction to Programming
- Stepic**  
Java. Basic Course  
Algorithms: theory and practice. Methods  
Introduction to Computer Architecture. Elements of Operating Systems
- Coursera**  
Machine Learning (Stanford)