

Alex Ryndin

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EDUCATION

- **National University of Science and Technology MISiS**
Moscow, Russia, *Sep. 2012 – June. 2016*
Bachelor of Information Systems and Technologies; GPA: 4.95
- **National University of Science and Technology MISiS**
Moscow, Russia, *Sep. 2016 – June. 2018*
Master of Information Systems and Technologies; GPA: 4.7

EXPERIENCE

- **Mail.ru Group**, DevOps Developer
Moscow, Russia | July 2019 - Present
 - **Hadoop Cluster Support and Maintenance:** Upgraded internal metrics system to a new technology stack. Created a number of software modules provided logs and metrics parsing, transferring, receiving and injection. Provided support and maintenance for a cluster with more than 300 nodes. Technology stack included Clickhouse, Apache Hadoop, PostgreSQL, Mysql, Prometheus, Graphite, GitLab
- **Arenadata**, Software Engineer
Moscow, Russia | Sep 2017 - June 2019
 - **Arenadata Grid:** A totally new product based on Apache Ignite was introduced to the Arenadata Enterprise Platform. Being head of development, I made the integration of the product, performed load testing, created automatic deployment scripts
 - **Arenadata Cluster Manager:** Two new services were added to the brand new Arenadata Cluster Manager. A lot of Ansible scripts has been developed. Made integration with metrics system based on Graphite/Graphana
 - **Arenadata Hadoop:** Installation and maintenance, support and troubleshooting
 - **Arenadata Ambari:** Python deployment scripts development and refactoring. A new product has been integrated as a part of Arenadata Hadoop stack - Hive LLAP. Over 100 commits in Arenadata Ambari repo
- **Arenadata**, Software Engineer, Intern
Moscow, Russia | May 2017 - Aug 2017
 - **Dive in:** Introduction to Big data technologies, Hadoop ecosystem and tools, Open Source Community and its rules. Overview of the company products, including ODPi compliant Hadoop Distribution Arenadata Hadoop
 - **Achievements:** First commit to the main repository in five days. Five new services were integrated as a part of Arenadata Ambari. Public speech was given to people from 8 different countries about company's product.
- **Aria Invector**, Software Developer
Stary Oskol, Belgorod Oblast, Russia | Mar 2016 - Jun 2016
 - **Task Management System:** Designed and developed a kind of web-oriented ERP System from scratch, written in Python with Flask, backed with mysql and SQLAlchemy on a storage level. System was developed to facilitate a process of creating, assigning and monitoring of work tasks.

PUBLICATIONS & ACHIEVEMENTS

- **Samsung Compiler Bootcamp:** Accomplished introductory course on compilers development
- **RedF programming language:** Implemented lisp-like programming language in C <https://github.com/ValBaturin/redF>; Live preview - <http://projectf.alexryndin.me/>
- **"Memorable" Computing (rus):** Introduction to a concept and principles of new Arenadata In-Memory computing platform called Arenadata Grid. Open Systems Journal (ISSN 1028-7493), June 2018.

SKILLS

- **Languages**
 - Go, Python, C
 - Java
 - Haskell, Rust
- **Tools**
 - *Can't live without:* Linux (esp. Arch), vim, bash, zsh
 - *Use a lot:* Ansible, Jira, Git and GitHub, Google Cloud Platform, Slack
 - *Familiar:* TeX
- **Technologies:** Hadoop (HDFS, YARN, Hive, Mapred, HBASE); Clickhouse; Ansible, Puppet; Apache Ignite; Graphana, Graphite; KVM, Apache Spark.

OTHER

- **Implementing web-services in Go, Part 1 & 2:** Coursera Course, RUS
- **Functional Programming with Haskell, Part 1:** Stepik Course, certificate 117882
- **Supervised Learning:** Coursera course, certificate MZTDS6LU4Y6H
- **Mathematics and Python for Data Analysis:** Coursera course, certificate 115G44VX8NJ737
- **Big Data Foundations, Level 2:** IBM Course
- **Hadoop Foundations, Level 2:** IBM Course
- **Spark - Level 1:** IBM Course
- **Information Storage and Management:** EMC Academic Associate Course