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
    - **Arenadata Grid:** Upgraded internal metrics system to a new technology stack. Created a number of software modules provided logs and metrics parsing, transferring, receiving and injestion. Provided support and maintenance for a cluster with more than 300 nodes. Technology stack included Clickhouse, Apache Hadoop, PostgreSQL, Mysql, Prometeus, 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 Enterpise 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 Sourse Community and its rules. Overview of the company products, including ODPi compiant 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 companys product.

- **Aria Invertor**, 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 were developed to facilitate a process of creating, assinging and monitoring of work tasks.

PUBLICATIONS & ACHIEVEMENTS

- **Samsung Compiler Bootcamp:** Accomplished introductory course on compilers development
- **RedF programming language:** Implemeted 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**
    - C, Python
    - Java
    - Haskell

- **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