Andrey Malets

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Education

2009–2011 **Master of Mathematics**, *Institute of Mathematics and Computer Science, Ural Federal University*, Yekaterinburg, Russia.
Master program "Mathematics. Computer Science", specialization "System Programming".
Thesis title: "Using machine learning for fuzzy matching of computer programs".
Diploma with distinction.

2005–2009 **Bachelor of Mathematics**, *Mathematics and Mechanics Department, Ural State University*, Yekaterinburg, Russia.
Bachelor program "Mathematics. Computer Science", specialization "System Programming".
Thesis title: "Constructing a hypervisor based on Intel Itanium virtualization technology".
Diploma with distinction.

Work Experience

2016–present **Lead Software Developer**, *Yandex LLC*, Yekaterinburg, Russia.
Working currently on performance and energy infrastructure for Yandex.Browser and Yandex mobile applications

2013–2015, 2018 **Teaching Assistant**, *Yandex School of Data Analysis*, Yekaterinburg, Russia.
Was teaching courses on C and C++ programming languages, parallel and distributed computing.

2009–present **Engineer**, *Laboratory of Software and Hardware Means of Information Security, Ural Federal University*, Yekaterinburg, Russia.
Helping to build high grade computer infrastructure at the faculty.

2015–2016 **Senior Software Developer**, *Yandex LLC*, Yekaterinburg, Russia.
Worked on the speed of Yandex.Browser.

2013–2015 **Software Developer**, *Yandex LLC*, Yekaterinburg, Russia.
Was working on signin and cloud synchronization components of Yandex.Browser.

2010–2014 **Teaching Assistant**, *Institute of Mathematics and Computer Science, Ural Federal University*, Yekaterinburg, Russia.
Was teaching courses on Operating Systems, Networking, various Programming courses (imperative, functional, logic, object-oriented).

2011–2013 **C++ Developer**, *Yandex LLC*, Yekaterinburg, Russia.
Took part in development of distributed graph computing system and distributed filesystem which are components of Yandex web crawler.

2008–2010 **Java Developer**, *Rocket Software, Inc.*, Yekaterinburg, Russia.
Worked on database access components of IBM DataQuant (DB2, DRDA).

2009 **Summer Intern**, *SKB Kontur*, Yekaterinburg, Russia.
Conducted experiments with Apache Lucene and web server components of .NET platform.

Projects

2013–present   Developing configuration infrastructure for computer equipment at the faculty (Linux, Networking, Python, Shell).

2012–present   Developing a system for automatic OS management for computer classrooms (Linux, iSCSI, device mapper).

2011–2012, 2015   Member of task developers team for Linux system administrators contest root.yandex.com.

2008–2014   Took part in development and as an infrastructure master of student challenges in information security RuCTF and RuCTFE.

2009–2010   Organizer and developer of programming mini-contest called "Cluster Battle" timed to RuCTF Final challenges.

Participation in Schools

2012   Yekaterinburg (Russia), Computer Science days in Yekaterinburg (CSEDays).

2011   Yekaterinburg (Russia), Spring/Summer Young Researchers' Colloquium on Software Engineering (SYRCoSE).

Yekaterinburg (Russia), Computer Science days in Yekaterinburg (CSEDays) Application.

2010   Saint-Petersburg (Russia), Microsoft Data Structures and Algorithms School (MIDAS).

Voronezh (Russia), Russian Summer School in Information Retrieval.

Yekaterinburg (Russia), Computer Science days in Yekaterinburg (CSEDays) Application.

Yekaterinburg (Russia), Computer Science days in Yekaterinburg (CSEDays) Theory.

Hobbies

Mountain biking, ice skating, electronics.