

PERSONAL INFORMATION

Ekaterina Ovcharenko
6, Volokolamskoe sh., apt. 123
Moscow, 125080, Russia
Phone: +7 915 257 69 27
Email: katerina.ovcharenko@gmail.com

SKILLS

Computer Languages: Lua, Bash, Python, R, regular expressions, XML, HTML
Development Tools: Flyspray, CVS, Git
Systems: Linux, Windows, MacOS
Soft Skills: managing group of 15 people, customer support, teaching mathematics and physics to students

LANGUAGES

Russian (Native)
English (Upper Intermediate)

WORK EXPERIENCE

May 2012 – present
Kaspersky Lab, Head of heuristic analysis group (Moscow, Russia)

Key Responsibilities:

- Leading a group of senior spam analysts.
- Providing antispam heuristics for Kaspersky line of products (Kaspersky Internet Security, Kaspersky Linux Mail Security, Kaspersky Security for Exchange, Kaspersky SDK).
- Guiding antispam engine developers.
- Improving customer retention by adding a requested functionality and fine tuning the products.
- Supporting a spam analysis toolkit (set of Perl, Lua and shell scripts).

Achievements:

Increased the effective share of heuristics in the overall Spam detection statistics from 45% to 75% with:

- focusing and controlling efforts using a task management systems (FlySpray, Chilli Project);
- applying the latest approaches from IT conferences and academic papers;
- collaborating with a virus analysis group.

February 2010 – April 2012
Kaspersky Lab, Senior Spam Analyst (Moscow, Russia)

Key Responsibilities:

- Programming complex heuristics with heavy use of regular expressions.
- Monitoring spam traps data.
- Supporting clients.

January 2008 – March 2010
Kaspersky Lab, Spam Analyst (Moscow, Russia)

Key Responsibilities:

- Creating basic antispam heuristics.

June 2007 – February 2008
Countrycom (telecommunication provider), Support engineer (Moscow, Russia)

Key Responsibilities:

- Resolving network connectivity issues including basic wiring tasks.

September 2001 – April 2003
Secondary school #4, Teacher of physics and mathematics (Dolgoprudny, Russia)

Key Responsibilities:

- Running regular physics classes.
- Preparing students for tertiary entrance exams.

- Providing advanced lectures on physics and mathematics.

EDUCATION

1997-1999 Moscow Institute of Physics and Technology (Applied Mathematics and Physics)

Notable attended courses:

- * Linear Algebra and Analytical Geometry
- * Mathematical Analysis
- * General Physics
- * Theoretical Mechanics
- * Complex Analysis
- * General and Applied Economics
- * Informatics and Application of Computers in Academic Researches

2002-2005 Moscow State Pedagogical University (Mathematics Teacher)

Notable attended courses:

- * Mathematical Analysis
- * Abstract Algebra
- * Analytic Geometry
- * Differential Geometry and Topology
- * Differential Calculus
- * Fundamentals of Probability Theory and Stochastic Processes
- * Mathematical Statistics
- * Discrete Mathematics
- * Mathematical Logic
- * Elementary Mathematics

HOBBIES AND INTERESTS

Video editing, kayaking, rafting, boardgames.