

Arseniy Zaostrovnykh

WORK EXPERIENCE

CURRENT, FROM SEPT 2014

Doctoral Assistant at EPFL
Lausanne, Switzerland

Advisors: Prof. Katerina Argyraki (Network Architecture Lab),
Prof. George Candea (Dependable Systems Lab).
Research towards software dataplane verification.

JUNE – AUG 2015

Software Engineer Intern at GOOGLE
Mountain View, CA USA

Added event tracking for network routing calculation.

MAR – JULY 2014

Software Engineer at SAMSUNG RESEARCH
INSTITUTE
Moscow, Russia

Developed an ahead-of-time compiler of a subset of the
ECMAScript 5.0 (JavaScript) language.

MAY 2013 – NOV 2013

Software Engineer at INTEL CORPORATION
Moscow, Russia

Developed a functional simulator for a new architecture.

JULY 2010 – APR 2013

Software Engineer Intern at INTEL CORPORATION
Moscow, Russia

Developed a performance-optimizing binary translator from
x86 to a new fine-grained parallel architecture.

SUMMER 2012

Junior Researcher at OJS CO. “INSTITUTE OF
ELECTRONIC CONTROL COMPUTERS”
Moscow, Russia

Developed a base model of prosthesis limbs.

2009 – 2013

MIPT-INTEL LABORATORY
Dolgoprudniy, Russia

Developed a graph-visualizer with QT
<http://code.google.com/p/mipt-vis/>
Mentored a student group in a Scheme compiler development
<http://code.google.com/p/mipt-scheme-compiler/>.

2010 – 2011

NETCRACKER LABORATORY
Dolgoprudniy, Russia

Developed a music-listening web service with GWT
<https://github.com/necto/natty>

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EDUCATION

2014 – PRESENT **Doctor of Philosophy**
Switzerland COMPUTER SCIENCE
École Polytechnique Fédérale de Lausanne - EPFL

2012 – 2014 **Master of Science**
Graduation with honors
Russia APPLIED PHYSICS AND MATH
Moscow Institute of Physics and Technology - MIPT

2008 – 2012 **Bachelor of Science**
GPA 5 out of 5
Russia APPLIED PHYSICS AND MATH
Moscow Institute of Physics and Technology - MIPT

ACADEMIC BACKGROUND

2012 **Robotics summer school,**
sponsored by Skolkovo
Imperial College of London

2013 – 2014 **Taught a compilers course**
MIPT-Intel Laboratory

2007, 2008 **First and second prizes in**
regional math and physics
competitions.
Moscow State University, Russia

DEVELOPMENT SKILLS

Languages	C++ (2 years of industrial, 10 years of academic exp.) C (3 years of industrial exp. 4 years of academic exp.)
Frameworks	CoQ, Java, XML, L ^A T _E X, x86/AVR ASM, Scheme, OCaml, Common Lisp
OSes	VeriFast, Restas, Spacemacs Linux (Ubuntu, Arch), Android

COMMUNICATION SKILLS

ENGLISH	fluent (IELTS 7.0, TOEFL 96)
RUSSIAN	native
FRENCH	advanced
GERMAN	basic

Last updated: July 12, 2019