

Arseniy Zaostrovnykh

🏠 INN 331, Station 14, CH-1015 Lausanne
✉️ arseniy.zaostrovnykh@epfl.ch
📁 necto.github.io/online-cv

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).
Verification of Software NFs with No Verification Expertise.

JUNE – AUG 2015

Software Engineering 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.

JULY 2010 – NOV 2013

Software Engineer at INTEL CORPORATION
Moscow, Russia

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

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

COMMUNICATION SKILLS

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

Last updated: April 18, 2020