Alexandre Kandalintsev

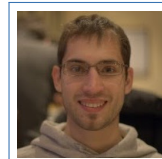*CURRICULUM VITÆ*

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Trento, Italy
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16/06/1985, Belarusian

Education

2010 – now	**PhD candidate**, *University of Trento*, Italy.
2006 – 2010	**MSc**, *University of Russian Academy of Education*, Moscow.
2003 – 2005	*Bauman Moscow State Technical University*, Moscow

Research Interests

Clouds, resource management, distributed systems.

Publications

Alexandre Kandalintsev and Renato Lo Cigno. A behavioral first order cpu performance model for clouds' management. In *Proc. of ICUMT*, October 3–5 2012.

Alexandre Kandalintsev, Renato Lo Cigno, and Dzmitry Kliazovich. Profiling cloud applications with hardware performance counters (submitted). 2013.

Work Experience

May 2013 – October 2014	**Internship**, *University of Luxembourg*, Luxembourg. Cloud applications running on the same physical machine can greatly interfere each other in terms of performance. During this internship we studied how applications can affect each other and what can be done to reduce the interference. http://http://uni.lu/snt
Sep 2010 – Nov 2010	**Internship**, *University of Trento*, Italy. NAPA-WINE is a peer-to-peer media streaming platform. It allows users to stream media content at a large scale without involving additional backends like dedicated servers or content delivery networks. http://www.napa-wine.eu/
Nov 2007 – Jul 2010	**Senior Unix Administrator**, *Agava company*, Moscow, Russia. *Duties:* solving the most actual and complicated technical problems; consulting VIP-clients and providing them with personal support; managing human resources in our department; giving trainings and holding seminars for system administrators on the following topics:

- Apache web server course
- Understanding Nginx and "10k clients" problem
- Using tcpdump to watch traffic
- DDoS defense methods
- Basic database optimizing
- Right backup strategies
- . . .

I managed a team of four system administrators.

Oct 2005 – Nov 2007	**Unix Administrator**, *Agava company*, Moscow, Russia. *Duties:* Standard requirements and duties of system administrator.
Feb 2005 – Oct 2005	**Junior Unix Administrator**, *Agava Company*, Moscow, Russia. *Duties:* Providing the first line full time technical support. Assembling, installing and maintaining equipment in data centers.

Skills

OS	Linux, FreeBSD
Programming languages	Python(advanced), C, shell scripting, Ocaml and Haskell(in progress), livescript, SQL (basics)
Tools	valgrind, gdb, kvm, perf, oprofile, VCS and other tools

Languages

English	**fluent (C1)**
Italian	**elementary (A2)**
Russian	**native**

Real-world interests

Cycling, fitness, boxing and martial arts