Oleg IEGOROV

PhD candidate in Computer Science
Trace Data Analysis & Data Mining

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26 years old

Education

2013 to date — **Ph.D. (ongoing)**, *STMicroelectronics and Laboratoire d'Informatique de Grenoble (LIG)*, "Data Mining Approach to Temporal Debugging of Embedded Streaming Applications".
Interested in building a temporal debugging tool based on automatic execution trace data analysis using data mining algorithms and domain knowledge of embedded systems.
Advisors : JF. Méhaut (LIG), A. Termier (IRISA), V. Leroy (LIG), M. Santana (STMicroelectronics)

2010 to 2012 — **Master degree**, *UJF - IMAG, Grenoble INP - ENSIMAG*, Grenoble, France.
Mathematics and Computer Science (GPA : 14.4/20 ; mention "bien")

2006 to 2010 — **Bachelor degree**, *University of Sumy*, Ukraine.
Computer Science and Engineering (GPA : 4.48/5)

Publications

International Conferences

[1] O. Iegorov, A. Termier, V. Leroy, J.-F. Méhaut, M. Santana. Data Mining Approach to Temporal Debugging of Embedded Streaming Applications. 15th International Conference on Embedded Software (EMSOFT), 2015

[2] C. Ruiz, O. Richard, B. Videau, O. Iegorov. Managing Large Scale Experiments in Distributed Testbeds. Proceedings of the 11th IASTED International Conference, 2013

Experience

February–August, 2012 — **Intern**, *Mentor Graphics and LIG*.
Performance Analysis of Circuit Simulation Software on Multicore Platforms
(advisors : JF. Méhaut and F. Broquedis (LIG), O. Maury (Mentor Graphics))

May–August, 2011 — **Intern**, *MESCAL team (INRIA-LIG)*.
Development of a tool for distributed application management (advisor : O. Richard)

Technical Expertise

Coding — C/C++, Perl, Ruby, PHP, Javascript, bash
Data Analysis — Java, R, MySQL
Tools — LaTeX, vi, gdb, Valgrind, PAPI
Systems — Unix, Windows

Languages

Ukrainian, Russian — **Mother tongue**
English, French — **Fluent**

Personal Interests and Activities

Sports — CrossFit, Cycling
Music — 7 years of music school, Independent Pop/Rock/Electronic/Experimental music fan
Reading — American and European literature of the 19th and 20th century