

Curriculum Vitae

Elena Fersman
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1 Personal Data

Date of Birth: 30 July 1978
Address: Skldungagatan 27, 3 tr,
75335 Uppsala, Sweden
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2 Formal Education

Doctor of Philosophy in Computer Science, Uppsala University, Sweden, November 26, 2003. Thesis: *A Generic Approach to Schedulability Analysis of Real-Time Systems*. Advisor Professor Wang Yi.

Master of Science in Computer Science, St-Petersburg State Technical University, Russia, June, 2001.

Master of Science in Economics and Management, St-Petersburg State Technical University, Russia, June, 2001.

3 Professional Appointments

December 2004 — present time: Research Engineer at Ericsson AB, Research Department, New Technology Division, Lund, Sweden.

November 2003 — October 2004: Post. Doc. at Laboratoire Spcification et Vrification, Cachan, France.

Summer 2001, Summer 2002: Lecturer in Database Systems course, St-Petersburg State Technical University, St-Petersburg, Russia.

September 1999 — November 2003: Ph.D. Student (a position with 80% research and 20% teaching), Department of Information Technology, Uppsala University, Sweden.

4 Skills, Activities and Awards

Programming Languages: Java, C++, C, Delphi, Prolog, SQL.

Operating Systems: Linux/Unix, Windows.

Methods: Formal methods, Modeling, UML.

Development work: I have been involved in the development of three software tools for modeling, analysis and synthesis of embedded real-time systems: Uppaal (www.uppaal.com), Times (www.timestool.com), and HCMC.

Publications: I have published 13 scientific papers (3 theses and 10 articles in international journals and conferences).

Awards: I co-authored the paper “TIMES - A Tool for Modelling and Implementation of Embedded Systems” that received the Best Tool Demo Award at the European Joint Conference on Theory and Practice of Software (ETAPS) 2002.

Reviewer for Journals, Conferences and Workshops: I have been reviewer for two international journals (Theoretical Computer Science and IEEE Transactions on Computers) and over 10 international conferences and workshops.

Teaching: I have been lecturer at a Database Systems course in 2001 and 2002 and a laboratory assistant at the following courses: Cryptology and Data Security, Computer Architecture, Database Systems, and Object-Oriented Programming with Java in the period 2000–2003 at Uppsala University.

Languages: Swedish, English, Russian.

Other: Have a drivers licence and own car.

Interests: I am interested in IT, especially work related to modeling, specification, analysis, and development of embedded real-time systems, communication systems, control systems, and computer systems in general.

5 Referees

Wang Yi Professor, Department of Information Technology, Uppsala University, P.O. Box 337, SE-751 05 Uppsala, Sweden. E-mail: yi@it.uu.se. Phone: +46-18-4713110.

Bengt Jonsson Professor, Department of Information Technology, Uppsala University, P.O. Box 337, SE-751 05 Uppsala, Sweden. E-mail: bengt@it.uu.se. Phone: +46-18-4713157.

Ivan Christoff Head of the Division of Computer Systems, Department of Information Technology, Uppsala University, P.O. Box 337, SE-751 05 Uppsala, Sweden. E-mail: ivan@it.uu.se. Phone: +46-18-4713161.