

# CURRICULUM VITAE

Karl Palmskog

## Profile

Analytical computer engineer, with interests in theoretical aspects of software development and formal design/analysis of concurrent systems.

## Education

- Aug 2001 - May 2007 Studied at KTH, the Royal Institute of Technology, for a Master's degree in Computer Science and Engineering, specializing in theoretical computer science and formal methods. Master's project at Ericsson AB: "Verification of the Session Management Protocol".
- Mar 2002 - Jan 2003 Military service in the Swedish Navy.
- Aug 1998 - Jun 2001 Studied at Jakobsbergs Gymnasium for a Science program diploma.

## Work experience

- Dec 2006 - Jan 2007 School of Computer Science and Communication, KTH, Stockholm. Lab assistant in computer science.
- Jun 2005 - Sep 2005 Vocab AB, Kista. Development of a module to J2EE-based VocabTool, a tool for learning languages.
- May 2005 - Aug 2005 Diabolaget AB, Kista. Modelling and implementation of a database with accompanying interface for efficiently sending marketing circulars.
- Jan 1998 - Jun 2004 Ambersand AB, Stockholm. Periodic consultant work with web development and technical support.

## Computer skills

Programming (Java, C, assembler, shell script, Ruby, PHP, MATLAB)  
Databases (theory, administration, SQL)  
System administration (Solaris, Linux)  
Formal methods for software (model checking, process calculi)

## Voluntary work

- Dec 2004 - System group chairman in the entrepreneurship association at KTH, Excitera. Involved in the development and administration of Excitera's IT support systems and technical infrastructure.
- Aug 2004 - Technical director and quality assurance lead in the team behind Sweden's largest video game development competition, Swedish Game Awards.
- Jun 2005 - Dec 2006 Board member and secretary in Excitera.

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## Language skills

Swedish	native speaker
English	fluent in speech and writing
German	speech and writing
French	basic knowledge

## Publications

- [1] Y. Ismailov, K. Palmkog, M. Widell, P. Arvidsson, and Y. Wang. Session Layer Resurgence: Towards Mobile, Disconnection- and Delay-Tolerant Communication. In *Proceedings of the 4th European Conference on Universal Multiservice Networks (ECUMN'07)*, pages 337–345, Feb. 2007.  
<http://doi.ieeecomputersociety.org/10.1109/ECUMN.2007.47>.
- [2] K. Palmkog. Verification of the Session Management Protocol. Master's thesis, School of Computer Science and Communication, KTH, Nov. 2006. TRITA-CSC-E 2006:149, ISSN 1653-5715.

## References

Available upon request.