

Curriculum Vitae - Kaj Nyström

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Contact information

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Areas of interest

- Compilers
 - Computer based modelling and simulation
 - Software development in general
 - Structured software testing
 - Project management
 - Grid and high performance computing
 - Teaching, primarily computer science
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Relevant Formal Education

- 2003-** Ph.D studies at the Programming Environments Laboratory, Department for Computer and Information Science at Linköping University on GRID Modelica; Development of a higher level modeling language for the GRID environment.
- 1997-2003** Master of science and engineering, major in computer systems at Linköping University
- 1996-1997** Behavioural sciences basic course for one year at Linköping University
- 1995-1996** Military service as sergeant, first class at the Logistics school, T2 in Skövde
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Employments

(References will be sent on demand)

- 2003-** Software developer, consultant and project manager at MathCore Engineering.
- 2003-** Ph.D studies at the Programming Environments Laboratory, Department for Computer and Information Science at Linköping University on GRID Modelica; Development of a higher level modeling language for the GRID environment.
- 2003** Teacher at the Swedish gymnasium (grade 10-12) Berzeliussskolan, Linköping. Responsible for the courses in databases and web design.
- 1999-2002** Assistant teacher in the courses "Object Oriented Programming", "Data Structures and algorithms" and "Object oriented development of usable systems" at Linköping University.

1993-1998 Part time employee at the Institution for Epidemiology at Umeå University with tasks such as computer maintenance and teaching foreign scientists (in English) basic computer skills.

Skills

- Fluent in Swedish(native language) and English, both spoken and written. Basic skills in French, spoken and written.
 - Software developer in: Java, C++, Modelica, C, Lisp, Scheme, Perl, Pascal, ADA, Matlab, Fortran, anything really.
 - Very good knowledge of Linux and Windows.
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Other

- Member of the academic computer society Lysator since 1996
- Currently writing my licenciate thesis at the Department for Computer and Information Science at Linköping University.
- Master thesis: "Implementation of an Integrated Optimizer and Debugger for the Open Source Modelica project"
- Drivers licence