

# CURRICULUM VITAE

ANDERS BAUMANN

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## ADDRESS

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## PERSONAL DETAILS

Gender: Male  
Date of birth: 11th of July, 1974  
Place of birth: Glostrup, Denmark  
Citizenship: Danish

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## EDUCATION

- 09/2000–09/2002 Master of Science in Information Technology from the IT University of Copenhagen, Denmark.  
Specialization: Distributed Systems.  
Thesis: Tine Thorn, Mikkel Fennestad and Anders Baumann: *A distributed, value oriented XML Store*. Supervisor: Associate professor Peter Sestoft.  
Project home page: [www.it.edu/xmlstore](http://www.it.edu/xmlstore)
- 09/1994–02/2000 Bachelor degree in Computer Science and Film & Media Studies from the University of Copenhagen, Denmark.
- 09/1993–06/1994 Golden West College, California, USA. Courses: Pascal programming, C programming, Calculus 2+3 and English writing essentials.

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## THESIS

The thesis describes the design and implementation of a distributed, peer-to-peer file system for storing XML documents. There are two main focus points:

**Working with XML:** The most widespread ways of working with XML (SAX and DOM) are naive and unable to handle common situations such as manipulating a large document and at the same time offer a rich API. The thesis presents a better way of working with XML documents.

**Distributed systems:** Distributed systems are becoming more and more important with the increasing expansion of the Internet. One of the most exciting developments in distributed applications is the peer-to-peer architecture, that due to its decentralised nature makes very scalable and fault tolerant applications possible.

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## WORKING EXPERIENCE

- 06/2003–04/2004 Software developer for E.B.S. Business Software, Quito, Ecuador ([www.ebs.com.ec](http://www.ebs.com.ec)). Task: Conversion of an existing client-server application to native Internet technologies. The client-server application was human resource software written in PowerBuilder and it was converted into a web solution (Java/XML/XSLT) using XMLSP Manager.
- 03/2003–05/2003 Research assistant at the IT University of Copenhagen, Denmark ([www.it-c.dk](http://www.it-c.dk)). Task: To improve the XML Store system, perform experiments and prepare a paper for submission. The paper gives an overview of the XML Store system and furthermore describes enhancements of the network communication and other improvements.
- 06/1998–04/2002 Software developer for WS Atkins Denmark ([www.atkins.dk](http://www.atkins.dk)). Tasks: Development of database systems in MS Access and MS SQL Server and development of Intranet solutions in ASP and Visual Basic (Student job).
- 02/2000–08/2000 Software developer for The Quality-of-Life Research Center, Denmark ([www.fclk.dk](http://www.fclk.dk)). Task: An Internet based questionnaire developed in Visual Basic, MS Access and JavaScript (Alternative for a military service).
- 02/1995–06/1998 Archivist and proofreader at The National Encyclopaedia of Denmark (Student job).

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## SELECTED TECHNICAL SKILLS

<b>Skill Name</b>	<b>Skill Level</b>	<b>Last Used</b>	<b>Experience</b>
Java	Expert	Currently used	5 years
OOA/OOD/OOP	Expert	Currently used	5 years
Distributed systems	Expert	Currently used	3 years
Database design	Expert	Currently used	4 years
Web development	Expert	Currently used	4 years
SQL	Expert	Currently used	4 years
XML	Expert	Currently used	2 years
Visual Basic	Expert	1 year ago	3 years
MS Access	Expert	1 year ago	3 years
C++	Intermediate	1 year ago	2 years
C	Intermediate	2 years ago	2 years
EJB	Intermediate	3 years ago	3 months
Linux	Intermediate	Currently used	1 year
ML	Intermediate	3 years ago	1 year

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## LANGUAGE SKILLS

<b>Language</b>	<b>Proficiency</b>		
	<b>write</b>	<b>read</b>	<b>speak</b>
Danish	fluently	fluently	fluently
English	fluently	fluently	fluently
Spanish	intermediate	intermediate	well