

## Matti Dahlbom's Curriculum Vitae

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FINLAND      WWW: [777-team.org/ matti/](http://777-team.org/matti/)

DATE OF BIRTH      February 8th, 1977

NATIONALITY      Finnish

MILITARY SERVICE      1996-1997, Finnish Navy

### EDUCATION

#### **Helsinki University of Technology**

Master of Science in Computer Science, graduated in 2003

Major: Interactive Digital Media

Minor: Telecommunications Software

Master's Thesis: "Efficient Molecular Visualization in Large Scale Systems"

LANGUAGES      Finnish      Native  
English      Fluent  
German      Basics  
Swedish      Basics

PROGRAMMING      C/C++      Strong  
LANGUAGES      Assembler (MIPS, ARM, x86)      Strong  
Java      Strong  
PHP      Good  
SQL      Good  
UNIX shell scripting/perl      Decent

### OTHER TECHNICAL SKILLS

Operating systems: Linux, Unix, Symbian, Windows

Markups: (X)HTML, CSS, XML,  $\LaTeX$

Symbian environments: Series60, Series80, Series90, UIQ

Other mobile environments: Maemo5 Databases: Oracle, Solid, MySQL, Postgre, MSSQL

Editors & IDEs: Emacs, Netbeans, MSVC, Eclipse, CodeBlocks

Frameworks & libs: Qt, STL, libusb, SDL, OpenGL (ES), many Java frameworks

### FORMAL CERTIFICATIONS

*SUN Certified Programmer (JavaSE) 2003*

*IBM Certified Enterprise Developer (OO, J2EE, UML, WebSphere) 2003*

*Accredited Symbian Developer 2007*

## WORK HISTORY

### **Yhteysmedia Oy 1997-1998**

*Software designer*

C/Visual Basic development

### **ICL Data (later: ICL Invia) 1998-2000**

*Software designer*

C++ development for a large connectivity software suite. Java development for Servlet-based web interfaces.

### **Mermit Business Applications (later: Ixonos Plc) 2000-**

*Senior software designer*

Several embedded systems architect/development tasks with Symbian / Linux. Design and implementation of various C++/PHP/J2SE/J2EE projects. Was assigned the role of technical lead in several projects.

## SECONDMENT EXPERIENCE ABROAD

Worked for 9 months in Berlin, Germany, in various tasks with a navigation software suite in 2008-2009.

## FREETIME PROJECTS

Have worked on several freetime projects, such as:

- Various tool applications for Suunto dive computer dive log processing
- Cross-platform software rendering 3D engine; ([irssibot.777-team.org/nova/](http://irssibot.777-team.org/nova/))
- Bluetooth connectivity framework for Symbian; ([irssibot.777-team.org/cobain/](http://irssibot.777-team.org/cobain/))
- IrssiBot the Java IRC bot; ([irssibot.777-team.org/IrssiBot/](http://irssibot.777-team.org/IrssiBot/)) this project was used as the example in O'reillys Ant Book.
- Vempain the Content Management Suite; Java/MySQL based content management software complete with ACL lists and such
- EAXP the XML parsing suite for Symbian ([irssibot.777-team.org/eaxp/](http://irssibot.777-team.org/eaxp/))
- PINT the TCP/UDP network debug tool ([irssibot.777-team.org/pint/](http://irssibot.777-team.org/pint/))

## OTHER HOBBIES

Other hobbies include freeride skiing, traveling, diving, trekking and bowling.

## UPDATED

October 27th, 2009