

Jan Ekholm

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Summary

34 year old experienced Linux software developer, specializing in user interface development using Qt and systems software using C++, Python and Java.

Education

- Ekenäs Gymnasium, Finland** **1988 - 1992**
Matriculation exam. Graduated *laudatur*.
- Åbo Akademi University, Finland** **1993 - present**
Studies at the Department for Computer Science. The topic of my Master's Thesis is *Message Buses in Linux*.

Experience

- Plenware** **2004 - present**
User interfaces for industrial mining equipment using Qt and Linux. Development of VoIP management software using Java.
- Nokia** **2003 - 2005**
Development on a Linux based embedded DVB set top box. Main used technologies were message buses and UPnP. Systems administration work and development of an automatic installation facility for easy installations on development systems.
- Agentum Technologies** **2000 - 2003**
Development of the backend storage for an intelligent search agent as well as part of the backend for an online hotel reservation system.
- Institute for Advanced Management Systems Research at Åbo Akademi** **May 2000**
Teaching a 40h course on C and C++.
- Department for Computer Science at Åbo Akademi** **Jan to Mar 2000**
Developed a surveillance and security system for the department offices.
- Department for Computer Science at Åbo Akademi** **Oct to Dec 1999**
Teaching a programming course on C++ for students at the Department for Computer Science.
- Suomen Ohjelmistotyö Oy** **Jan to Apr 1999**
Translation of part of the User's Guide for the Best Linux 5.3 distribution from English to Swedish.

**Department for Computer Science
at Åbo Akademi**

1996-1998

Teaching three short Unix introduction courses.

**Department for Biochemistry
at Åbo Akademi**

1998-1999

Development of software for biochemical protein visualization in
3D using Linux, C++, OpenGL and Qt.

Skills

Software development in Linux using C/C++ and a variety of standard GNU tools for desktop, server and embedded use.

Object oriented design.

User interface and application design using Qt.

Python and Java user interface and server side software development.

Knowledge of 3D with OpenGL.

Small scale system administration.

SQL database usage and application development.

Development of client/server software using TCP/IP

Various XML/WWW technologies.

Language skills

Swedish (native)

English (fluent)

Finnish (fluent)

German (basic)