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CV

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Personal information

Name	Henrik Juhani Härkönen
Date of birth	17.11.1979
Place of birth	Turku

Education

1998-2004	University of Kuopio, major subject being Computer Science/Software Engineering . My minor subjects are Mathematics, Entrepreneurship and Ergonomics . I estimate that I will graduate as M.Sc. in June 2004. In the years 1998-2002 I studied Computer Science in the University of Jyväskylä, from which I transferred to University of Kuopio in the fall of 2002. I wrote my master's thesis about 'Biometrics and Digital Identity'.
1995-1998	High school diploma from Turun Lyseon lukio.

Working experience

3/2004 – (5/2004)	University of Kuopio (3 months) At the moment I am temporarily employed in the department of Computer Science as a trainee. My assignment is to develop a system, which recognises music by its mood. The work requires knowledge about pattern recognition and signal processing.
6/2002 – 8/2002 6/2001 – 8/2001	3D-System Oy, Raisio (3+3 months) During two summers, my job included testing and programming with C++ for their main product, which was a landsurvey software. Among other things, I implemented a new picture format reader and researched the usage of OpenGL for visualization of terrain models.
1/2002 – 5/2002	University of Jyväskylä / VTT Tietotekniikka (3 months) I was part of a work project which implemented a computational grid and a test application for VTT. We used Java and Globus Toolkit -platform for the implementation.
6/2000 – 7/2000 6/1998 – 7/1998	Säkkiväline Siivouspalvelut Oy, Salo (2+2 months) In the summer of 1998 I was a cleaner and in 2002 I was worked in office, as a substitute for the secretary.

Knowledge of languages

Finnish	My native language.
English	Excellent – I need English every day in my studies and in everything that is related to computers.
Swedish	Satisfactory.
German	Basics.

Computer skills

Operating Systems Debian GNU/Linux operating system has been my primary OS for several years now. I have over ten years of experience with Linux systems. However, I master Windows systems also well.

Programming languages I learned to program with Pascal and C languages by myself already in secondary school. Later, I have refined my skills by learning C++ and Java. The latest language that I have chosen to master is Python. I have also experiences with assembly and Fortran languages.

Databases I have deployed mySQL and PostgreSQL databases relating to my hobbies.

Word processing I use both LaTeX typesetting program and OpenOffice programs for word processing.

Hobbies

Programming Programming is one of the main hobbies of mine, I use especially Python and C for that. My current projects include a package handling software for Debian and a small automatic filesystem cleaning utility.

3D-modeling When I have enough free time, I like to make 3D-models, render and animate with them. It is very fascinating and creative hobby. My goal is to attend someday to a animation or a short film festival with my creations.

Physical exercises Gym, swimming, skiing, nordic walking.