
Curriculum Vitae

PETER KORSGAARD

Personal Information

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Date of birth: August 2nd, 1978
Nationality: Danish
Marital status: Married

Objective

To extend my skills and develop new ones in an active and challenging environment, while working in a team of like-minded people creating innovative new products.

Education

- 09/1997 - 06/2002 **Master of Science in Engineering, Informatics**
Masters degree with specialization in Computer Vision and Graphics at Aalborg University, Denmark.
Thesis entitled "*Handling Occlusions in Augmented Reality*" prepared at Katholieke Universiteit Leuven, Belgium. Final exam at Aalborg University, Denmark.
Grade: 9.6 (to 13)
- 08/1994 - 06/1997 **Technical College**
Higher Technical Examination in electronics at Aalborg Technical College, Denmark.
Grade: 9.5 (to 13)
- 08/1985 - 06/1994 **Primary School**
1st to 9th grade at Gandrup Primary School, Denmark.

Work Experience

- 04/2008 - **Technical Manager Software**
Responsible for long term technical strategy for embedded software development within Defense group. Maintainer of bootloader, Linux kernel and build system for products. Alignment and collaboration across divisions and sites. <http://www.barco.com>
- 09/2002 - 04/2008 **Embedded Software Development**
Development of embedded control software for rugged display solutions at Barco N.V. Software initially written in C and assembly using no OS (on Philips XA). Led move to C++ based platform on eCos and later on to embedded Linux. Administration of Linux based development servers. <http://www.barco.com>
- 12/1999 - 10/2001 **Software Development**
Development and maintenance of a web-based portal system at ByNet Denmark K/S. Developed using Apache / MySQL / Oracle / Perl / PHP / Qmail and deployed on 8 Linux servers. <http://www.bynet.dk>
- 02/1998 - 12/1999 **Home Office Sales Assistant**
Sale of consumer computer equipment at Super Radio A/S (now ELGiganten Denmark A/S). <http://www.elgiganten.dk>
- 06/1997 - 09/1997 **Piccolo**
Piccolo at hotel Royal Court Apartments in London, Britain.

Other Experience

- 01/2009 - Present **Buildroot**
Maintainer of Buildroot, an embedded Linux build system focused on small to medium sized systems. <http://buildroot.net>
- 06/2004 - Present **Linux Kernel**
Contributor of fixes and features to the mainline Linux kernel and related projects. Maintainer of several drivers (USB, ethernet, I2C, GPIO, serial, ..) <http://kernel.org>
- 05/2005 - 02/2007 **Nslu2-linux.org**
Active in community around nslu2-linux.org, and author of Debian on NSLU2 howto (<http://peter.korsgaard.com/articles/debian-nslue.php>). <http://nslu2-linux.org>
- 02/2002 - 11/2003 **Handhelds.org**
Active in community around the HP-sponsored handhelds.org. Author of the IpkgFind search engine (<http://ipkgfind.handhelds.org>) and several small utilities for Linux PDAs. <http://handhelds.org>
- 04/2001 - 08/2006 **DotSRC**
Staff member at dotsrc.org (was SunSITE.dk). Member of CVS team and IRC team. <http://dotsrc.org>

Skills

Languages:	Danish (native), English (fluent), Dutch (fluent), German (fair)
Development:	Assembler (ARM, Motorola 68k, x86, XA, PPC), C, C++, HTML, Java, Javascript, Lua, Pascal, Perl, PHP, Python, Shell, SQL, TCL, XML.
Hardware:	Ethernet, Flash, I ² C, SPI, USB.
Toolkits:	Boost, GTK, OpenCV, OpenGL, QT, SDL, STL, VTK.
Networking:	TCP/IP (v4/v6), Ethernet, NAT, Iptables.
Systems:	eCos, Linux (embedded, desktop and server), Windows.
Administration:	Apache, GIT, MySQL, OpenSSH, Samba, Subversion.

Personal Interests

Travelling:	Exploring nature and culture around the world.
Programming:	Developing real-time graphical effects, Open source, Low level programming, Linux on consumer products
Reading:	Science Fiction, Fantasy, Computer Graphics.

References

Kurt Cornelis, Ph.D.

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