

MIKKO KARVONEN CV

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Born: 3rd of June 1978
Nationality: Finnish

LANGUAGES

Finnish (native)
English (fluent)
Spanish (good)
Catalan (good)
Swedish (satisfactory)

STUDIES

- 1998-2008 **University of Helsinki**
Department of Computer Science
M.Sc. degree in Computer Science (2008). Master's thesis entitled "Using Mathematical Morphology for Geometric Music Retrieval".

B.Sc. degree in Computer Science (2004). Dissertation on Digital Audio Signal Processing.

Specialising courses in Java programming, digital image processing, digital media technologies, XML, databases, computer networks and user interface design.
<http://www.cs.helsinki.fi/>
- 2003-2004 **Universitat Pompeu Fabra, Barcelona**
Music Technology Group
Taking courses (20 credits) of the *PhD in Computer Science and Digital Communication* programme as Minor subject studies.
<http://www.iaa.upf.edu/mtg/>
- 2001-2003 **Sibelius Academy, Helsinki**
Centre for Music & Technology
Minor subject studies (42 credits) at the Centre for Music & Technology. Courses in for example digital audio signal processing, recording techniques, music production and sound design, working with Digidesign Pro Tools and programming VST audio plug-ins with the C++ language.
<http://cmt.siba.fi/>
- 1994-1997 **High school at Lyseonmäen lukio, Heinola, Finland**

WORK HISTORY

- 2008- **Sauma Technologies Oy**
Senior Consultant (current), Lead Client Programmer (past).

First working as the lead Flex-client architect for the Hours of War strategic MMOG. Took care of special tasks, such as the XMPP-based messaging protocol and realtime audio engine implementation.

As a senior consultant, consulting for Sauma's external clients and projects, as well as in-house consulting for the future development of Sauma's game platform.

- 2008 **Fake Graphics, Ltd.**
Consultant in a software project.
- 2006-2008 **Splice, Inc.**
Vice President, Engineering
Working as a Flash ActionScript 2.0/3.0, Java and web architect / developer in a Web 2.0 music creation social media startup.
<http://www.splicemusic.com/> (moved to <http://www.remixgalaxy.com/> due to company buyout)
- 2004-2005 **Saima Sistemias**
Working as a software developer with PHP 5, MySQL 5, XSLT and DHTML.
<http://www.saimanet.net/>
- 2003 **Nomini Networks**
Working as a Java developer in a large-scale portal / content management system project for "an expert agency in the field of social welfare and health care".
- 2003 **Turku Academy of Art**
Working as an assistant lecturer for Andy Best, the director of the digital arts programme.
- 2003-2008 **White Sheep**
Working as a software developer and audio designer. The projects have spanned various technologies, such as PHP, Java, JavaScript/ DHTML and XHTML/CSS. Experience also in technical planning and participating in project cost estimating and quotes.
<http://www.whitesheep.fi/>
- 2001- **Crankshaft** (own company)
Software and audio design for a few main clients. Crankshaft is currently focused in ActionScript 2.0/3.0, Java, PHP, XML & DHTML software design and implementation for the Web, as well as in audio design for web, DVD and other media presentations.
<http://www.crankshaft.fi/>
- 1998-2003 **Mindworks**
Software and audio design and technical project management for various interactive websites, CD-ROM/DVDs, Web Casts and "space media" projects.
<http://www.mindworks.fi/>
<http://www.tilamedia.com/>
- 1997-1998 **City of Helsinki, Cultural Office** (non-military service)
Software design for various websites and working as a technical consultant.
<http://kulttuuri.hel.fi/>

ORGANISATIONS

- 1998- **katastro.fi**
Founding member and vice chair (1999-2000), chair (2003-2004) and a member of board (2004-) of the media art collective

katastro.fi. Briefly after its founding in the 1998, katastro.fi received the Young Art in Finland award, worth 100 000 FIM (~16820 €), from the Finnish Ministry of Culture and Education for combining technology with artistic expression and popular culture. <http://www.katastro.fi/>

AWARDS

- 2005 **SCENE.ORG AWARD: BEST SOUNDTRACK 2005**
Received a demo scene award for the best demo soundtrack in 2005 with my song "Ocean Machine".
<http://awards.scene.org/archive.php?cat=5&year=2005>
- 2004 **GRAND ONE**
Winner in the "Best B-to-B campaign" category in the biggest Finnish digimedia competition with Biz in a BOX for Capgemini and Microsoft Nordic. Involvement in the project: Software design.
- 2003 **AVEK grant**
Received a grant from AVEK The Promotion Centre for Audiovisual Culture for my music project "Teonanácatl".
- 2001 **RE:spekt**
3rd prize for the best campaign website category in Rekaksois.com's monthly award for the Helsinki ASE website for Capgemini.
Involvement in the project: Audio production.
- 1999 **Mindtrek'99 Honorary Mention**
Awarded for katastro.fi media art collective's website. Involvement: Founding member and vice chair in katastro.fi, website programming and content development.
- 1998 **Young Art in Finland Award**
Awarded for katastro.fi media art collective. Involvement: Founding member and vice chair.

EXHIBITIONS

- 2007 *H.E.I.N.O.L.A.* by Juha Fiilin & Elina Orpana, with a soundscape by Mikko Karvonen. Barri Gòtic, Barcelona, Catalunya, Spain.
- 2005 *Fluxville* by Simo Rouhiainen, with music by Mikko Karvonen. Boston Cyberarts festival / Studio Soto, Boston, USA.
- 2005 *Codename Chinadoll* by katastro.fi, with music by Mikko Karvonen and Lassi Nikko. KARELIA GAME EXPO, Joensuu, Finland.
- 2003 *Codename Chinadoll* by katastro.fi, with music by Mikko Karvonen and Lassi Nikko. Dissonanze 2003, Rome, Italy.
- 2003 *Teonanácatl* by Mikko Karvonen. Kiasma Museum of Contemporary Art, Helsinki, Finland.
- 2003 *demoskene.katastro.fi* by katastro.fi, with music by Mikko Karvonen. Kiasma Museum of Contemporary Art, Helsinki, Finland.
- 2003 *Codename Chinadoll* by katastro.fi, with music by Mikko Karvonen and Lassi Nikko. Kiasma Museum of Contemporary Art, Helsinki, Finland.
- 2002 *Fluxville* by Simo Rouhiainen, with music by Mikko Karvonen. Kiasma Museum of Contemporary Art, Helsinki, Finland.
- 2002 *Codename Chinadoll* by katastro.fi, with music by Mikko Karvonen and Lassi Nikko. Sónar 2002, Barcelona, Spain.
- 2000 *KATASTRO.FI AREA* by katastro.fi, with sound by Mikko Karvonen. ArtGenda, VR Makasiinit, Helsinki, Finland.

- 2000 *I traded my safety for the glass beads of fantasy* by Anu Pennanen, with soundscape by Mikko Karvonen. Gallery Just, Turku, Finland.
- 1999-2000 *2000.katastro.fi* by katastro.fi, with music by Mikko Karvonen and Lassi Nikko. Kiasma Museum of Contemporary Art, Helsinki, Finland.
- 1998 *IMAchannel* by katastro.fi, with a VJ performance by Mikko Karvonen. Kiasma Museum of Contemporary Art, Helsinki, Finland.