

Ville-Kalle Arponen, MSc

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Interested in

Game-, graphics-, GPU-, and/or motion picture innovation, design, programming and managing. Strong international interest – especially in Asia.

Education

1998-2006 Helsinki University of Technology Espoo

MSc Computer Science

- Majored in Interactive digital media
- Java, C, Scheme, Assembler, Symbian, OpenGL, Maya, data structures, usability, web design, game design, parallel programming, data security, image processing...

2004-2006 Hong Kong University / HUT Hong Kong / Espoo

Thesis: A Handcrafted Non-photorealistic Mesostructure Representation

- Wide insight into 3D computer graphics and the GPU
- Reflection models, IBR, NPR
- Visual C++, OpenGL, NVidia CG

2001-2002 Nanyang Technological University Singapore

Minor in Content Creation

- Movies: analysis, psychology, aesthetics, multimedia and hands on.

Rewards And Achievements

- A total of 1½ years of international experience in Asia and a full 11 years of international environment during elementary school (the English School)
- Several scholarships in elementary school, high school and military service.
- Extended base studies in HUT (mathematics / physics)
- Installation "Vangittu tanssija" in Pixelache 2005

Language Skills

English excellent. Swedish good. German fair. Learning Cantonese.

Work experience

2005- Kuuasema Ltd. Espoo

Freelance J2ME Game programmer / Software consultant

- Mobile phone application programming and design experience
- Varied consulting projects including programming, research and paperwork.

J2ME, PHP. PostGreSQL.

2004 Suunnittelusampo Oy Espoo

Producer / Lead programmer

- Full responsibility for a project
- Basics of running a company

Visual C++. MS Access.

Work experience (cont.)

2002-2003 TietoEnator OYJ eLearning solutions Helsinki

Software / database designer

- Design of applications for learning requiring user centered design
 - Software and database design; sales; Research & Development
- ASP, PHP, Java. PostGreSQL, MySQL, MSSQL. Flash.

2001 Valve Group Helsinki

Technology person

- A short freelance commission.
- ASP

2000 -2001 To the Point Helsinki

Programmer

- Team oriented processes and tackling problems in webpage / multimedia creation.
- PHP, CF. Oracle, MySQL.

-1999 Various companies Helsinki

PC-related activities

- Web-page construction, design and maintenance
- PC-support
- PC-repairs and assembly

Voluntary activities

2006- Matinraitti 14 apartment house company

Member of the board

- Experience in meeting technique

2001- RPG/Fantasy club Tulgo

Server administrator / member of the board

- <http://www.tulgo.net>
- Long term running of a society of ~100 members
- PHP, PostGreSQL, Linux (Debian),

2000 Helsinki University of Technology – Dataguild

Host / member of the board

- Organized ~50 events
- Running a society of ~1000 members

1993 – 1994 The English School Student Council

President of the board

Hobbies

- Innovation
 - Fantasy books, roleplaying, live action roleplaying
 - Games and demos (PC)
 - Organizational activities
 - Movies (making and watching)
 - Cooking
 - European historical swordmanship
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