

CURRICULUM VITAE

Jarkko Oikarinen, PhD

Kylänpuolentie 197

90460 OULUNSALO

FINLAND

GSM. # +358-50-3817941

WWW: <http://www.kumpu.org>

OBJECTIVES

Career

Experience I have experience from all stages of the development process for quality software, starting from project inception and requirements analysis and ending with testing and software evolution (maintenance), not to forget basic research and small team management.

Preferences I like work where I can do both some *hands-on software development* and some *team management*. I would like to *stay in touch with latest research* in my field and *help in putting the research results into real useful products*. When I have a choice, I mostly prefer *open source development tools and libraries*, such as Linux, because I believe seeing the inner details makes developers more productive (of course there are exceptions to this; it's not all black-and-white). I believe in *software craftsmanship*. I am especially interested in positions in companies that integrate software with hardware, be it either *low-level device drivers, handheld/embedded devices* or *high-performance clusters*. However, I am relatively open-minded and *not limited to any particular software engineering field*, as long as the work can provide a good challenge.

EDUCATION

Ph.D		1992 - 1999
	PhD was awarded on November 24th, 1999	
Location	Department of Information Processing Science, University of Oulu, Finland	
Thesis title	"Accelerating Direct Volume Rendering using Seed Filling in View Lattice" (ISBN 951-42-5368-X)	
Dipl.Eng in EE		1986 - 1992
Location	Electrical Engineering, Department of Electrical Engineering, University of Oulu, Finland	
Thesis title	"Visualization System for Neurosurgical Workstation"	

PUBLICATIONS

For other publications besides theses, see Publications under <http://www.kumpu.org>

INDUSTRIAL WORK EXPERIENCE

Head of R&D		2003 - present
Location	Capricode Oy, http://www.capricode.com , Oulu, FINLAND	
Chief Software Architect		2000 - 2003
Location	Add2Phone Oy, http://www.add2phone.com , Helsinki, FINLAND	
Project Manager		1995 - 1996
Location	DeeMed International (subsidiary of Elektra Instrument Ab), Grenoble, FRANCE	
Software Developer		1993 - 1995
Location	Elekta Instrument Ab, http://www.elekta.com , Stockholm, SWEDEN	
Software Developer (part time)		1988 - 1990
Location	Jidea Oy, http://www.jidea.fi , Oulu, FINLAND	

ACADEMIC WORK EXPERIENCE

Joint Assistant Professor / Research Engineer		1999 - 2000
Location	Department of Electrical Engineering/Biomedical Engineering Program University of Oulu, Oulu, FINLAND	
and	Department of Diagnostic Radiology/Medical Imaging Research Group Oulu University Hospital, Oulu, FINLAND	
Research Engineer		1997 - 1999
Location	Departments of Diagnostic Radiology and Neurosurgery Oulu University Hospital, Oulu, FINLAND	
Researcher		1990 - 1993
Location	Neurosurgical Research Unit University of Oulu, Oulu, FINLAND	
Research Assistant (part time)		1986 - 1990
Location	Department of Information Processing Science University of Oulu, Oulu, FINLAND	

OTHER EXPERIENCE

Partner, Chief Software Architect (part time)		2002 - present
Location	Numeric Garden Oy, http://ng.kumpu.org/games , Espoo, FINLAND	
Tasks	Development of mobile games (such as Deep Pocket Chess) with J2ME and Symbian.	
Owner, CEO (part time)		1987 - present
Location	C-Soft Oy, Oulunsalo, FINLAND	
Tasks	Consultancy and contract R&D software development (C/C++/Java)	

AWARDS AND ACHIEVEMENTS

Awards

- Special Recognition Award March 2005
Recipient of a Special Recognition Award (so-called mini-millennium) from
The Millennium Technology Prize Foundation for developing IRC, Internet Relay Chat
- The Dvorak Award October 1997
Recipient of the Dvorak Award for Personal Achievement - Outstanding Global Interactive
Personal Communications System for developing IRC, Internet Relay Chat

IRC

- Internet Relay Chat 1988 - 1992
Development of Internet Relay Chat program. IRC is a multiuser conferencing program
used all around the Internet by hundreds of thousands of users.
- RFC1459 (Internet Relay Chat Protocol) was authored by Jarkko Oikarinen and Darren Reed.

Presentations

- CHIP Dishnet DSL Web Awards 2000, Mumbai, India 2000
The platform talk at CHIP Dishnet DSL Web Award Ceremony

SKILLS

Languages Finnish (Native), English (Fluent), Swedish (Fair), German (Some), French (Some)

An incomplete collection of some nerd terms and relative time I've been involved with them:

(more details available upon request)

C++	16 years	Unix	19 years	X11	17 years	Apache	Some
C	19 years	Linux	8 years	XML	5 years	J2EE	5 years
OOP	10 years	Windows	6 years	Qt	3 years	SMS Protocols	3 years
Java	7 years	Visual C++	Some	HTML	6 years	WAP	Some
J2ME	3 years	MMS	1 year	TCP/IP	15 years	SQL/Oracle	2 years
Symbian	2 years	MySQL	2 years	OpenGL	Some	3DCG	18 years
TDD	2 years	XP	3 years	JUnit	2 years	emacs	17 years
PIC16F84	1 year	SyncML	2 years	eCos	Some	ARM7TDMI	Some

FAMILY

Wife Kaija-Leena Oikarinen (married in 1996)
Children Kasper (born 1998), Matleena (born 2001) and Marjaana (born 2004)