

CURRICULUM VITAE

Jarkko Oikarinen, PhD

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b. 16th August, 1967

OBJECTIVES

Career

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

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 the latest development* in my field and *help in putting the research results into real useful products*. When there is choice, I value *open source development tools and libraries*, such as Linux, because I believe that seeing and truly understanding the inner details makes developers more productive (of course there are exceptions to this, it is not all black-and-white). I believe in *software craftsmanship* and *agile software development*. 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 and I am able to *continuously learn new things*.

SKILLS

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

An incomplete collection of nerd terms and relative time I've been exposed to them (more details available upon request):

C++	14 years	Unix	17 years	X11	16 years	Apache	Some
C	25 years	Linux	19 years	XML	8 years	J2EE	5 years
OOP	13 years	Windows	3 years	Qt	3 years	MySQL	2 years
Java	12 years	OpenGL	3 years	WWW/HTML	7 years	RTC	5 years
3DCG	18 years	TCP/IP	15 years	SQL/Oracle	4 years	Android	2 years
TDD	8 years	XP	3 years	JUnit	2 years	emacs	24 years
PIC16F84	2 years	AVR	1 year	SyncML	2 years	ARM	6 years
Scrum	4 years	SPI	2 years	I2C	2 years	JTAG	2 years

AWARDS AND ACHIEVEMENTS

Awards

Special Recognition Award (so-called mini-millennium) 2005
from The Millennium Technology Prize Foundation for creating Internet Relay Chat

The Dvorak Award 1997
Recipient of the Dvorak Award for Personal Achievement - Outstanding Global Interactive Personal Communications System for developing IRC, Internet Relay Chat

IRC

Creation of Internet Relay Chat program 1988 - 1992
RFC1459 (Internet Relay Chat Protocol) was authored by Jarkko Oikarinen and Darren Reed.

EDUCATION

Ph.D	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 (M.Sc)	
Location	Electrical Engineering, Department of Electrical Engineering, University of Oulu, FINLAND
Thesis title	“Visualization System for Neurosurgical Workstation”

INDUSTRIAL WORK EXPERIENCE

Technical Lead Manager		June 2011 - present
Company	Google Sweden AB, http://www.google.com (Stockholm, SWEDEN) (2011-2016) Google Inc., http://www.google.com (Kirkland, WA, USA) (2016-)	
General Manager/Senior Engineering Manager/Senior Specialist		September 2005 - June 2011
Company	Nokia Oyj, Maemo/MeeGo, http://www.nokia.com (Oulu, FINLAND)	
Head of R&D		September 2003 - August 2005
Company	Capricode Oy, http://www.capricode.com (Oulu, FINLAND)	
Chief Software Architect		April 2000 - September 2003
Company	Add2Phone Oy, http://www.add2phone.com , Helsinki, FINLAND (acquired by More Mobile Relations)	
Project Manager (France)		March 1995 - December 1996
Software Developer (Sweden)		February 1993 - February 1995
Company	Elekta Instrument Ab, http://www.elekta.com (Stockholm, SWEDEN) DeeMed International (subsidiary of Elekta Instrument Ab) (Grenoble, FRANCE)	
Software Developer (part time)		1988 - 1990
Company	Jidea Oy, http://www.jidea.fi (Oulu, FINLAND)	
Partner, Chief Software Architect (part time)		2002 - 2009
Company	Numeric Garden Oy (Espoo, FINLAND)	

ACADEMIC WORK EXPERIENCE

Joint Assistant Professor / Research Engineer		1999 - 2000
University	Departments 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
University	Departments of Diagnostic Radiology and Neurosurgery Oulu University Hospital (Oulu, FINLAND)	
Researcher		1990 - 1993
University	Neurosurgical Research Unit, University of Oulu (Oulu, FINLAND)	
Research Assistant (part time)		1986 - 1990
University	Department of Information Processing Science University of Oulu (Oulu, FINLAND)	