Matti Vuori

Born	1962
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Summary

Experienced and versatile expert of development and quality. Knows as high-level expert of testing, usability, software processes and risk management. Has experience of researcher's work, development consulting, training, quality manager's job and service design. List of publications presents the scale: http://www.mattivuori.net/julkaisuluettelo.

Also known for productivity, critical thinking, dependability and creativity.

Currently looking for work.

Education

Degree:	M.Sc, 1986, Tampere University of Technology

Work experience

Tampere University of Technology	
Time:	08/2011 – 12/2016
Title:	Doctoral student
Duties:	• Dissertation work about testing and QA competence needs in Finland during the coming years (500+ page monograph)
	• Testing course lecturer 2012-2015
	• Project work course leader 2014
	• Project manager and developer in InnoPilotti-project, which developer practices for universities' participation in Demola
	• Researcher in ATAC project, which developed test automation for complex systems
	• Researcher in RATA project, which developed robot assisted testing
	• Arranging Testing day, 300+ participant seminar for TUT and Pitky 2012, 2014 ja 2016
Time:	03/2011 – 05/2011
Title:	Project researcher
Duties:	• Subject was agile development of safety-critical systems
Cybercom Plenware (prev. Plenware, Almare Systems)	
Time:	01/20013– 12/2009
Title:	Product manager, consulting; consulting; quality manager (2003)
Duties:	Quality and testing consulting
	• Quality assurance consulting and training.
	• Testing process evaluation and development services.

2 (4)

	• Participation in Finnish testing community in Sytyke's Testing competence community (TestausOSY) and in the Finnish board of ISTQB testing certification system.
	• Testing training business
	• Development of training material for testing, quality and risk management and other areas (nearly 3000 pages)
	Usability consulting
	• Usability analyses and testing
	• Usability consulting and training
	• Participation in usability community in the board of Sytyke's usability competence community (KäytettävyysOSY)
	Other consulting
	• Risk management consulting and training
	• Technology and product development consulting
	• Process development consulting
	• Development of consulting services
	• Internal quality and risk management system development
Technical Research Centre of Finland VTT	
Time:	1986-2000
Title:	Research scientist
Duties:	Research and development in the following areas
	• Product development.
	• Method development for product usability assurance and methods for managing usability.
	• Usability evaluation and testing of products, usability training. Human errors research. Quality of documents. User centered product development and its techniques. See: http://www.mattivuori.net/julkaisuluettelo/#kayttajakeskeisyys
	• Future oriented product and user interface development. See http://www.mattivuori.net/julkaisuluettelo/#tuotekehitys
	• Risk management in companies. See: http://www.mattivuori.net/julkaisuluettelo/#riskienhallinta
	• Development of risk management tools for SMEs, Main author of toolset Risk management for SMEs.
	• Product development risk management.
	• Development of safety information systems and decision support software and hyperbook systems.
	• Product safety and safety analyses.
	• Information security risk management.
	• Method development for workplace design.
	Internal process development, including a task as a QA system development project manager.

Professional skills

Product quality and testing	Quality manager skill set, quality assurance, quality assurance systems, testing, evaluation and development of testing, testing and QA training, test planning, most test types. Dissertation in the making about testing competences needed in near-future Finland See the list of publications at http://www.mattivuori.net/julkaisuluettelo/#laatu
Usability, user interfaces, design	Methods of assuring usability, method development; utilization in industrial context, training. Human errors. Skills applicable for all product/system types. Analysis of visual design and brand issues. See the list of publications (in Finnish) at http://www.mattivuori.net/julkaisuluettelo/#kayttajakeskeisyys
Strategic product development	Future product development, technology strategy development, roadmapping, creativity techniques. See the list of publications (in Finnish) at http://www.mattivuori.net/julkaisuluettelo/#tuotekehitys
Risk management	Risk management methods and tools. Project risks, information risks, product development risks, safety risks, operational risks. RM training. See the list of publications (in Finnish) at http://www.mattivuori.net/julkaisuluettelo/#riskienhallinta
Information security	Risk analysis, system reviews, functional information security testing
Teaching and training	Teacher at TUT 2012-2016 (testing cours, project work course). Leading of two 3-month adult education courses for UTA (software testing and Symbian C++) Since early 1990s trained in several companies and provided internal training for topics as quality, testing, usability, developing of future products, risk management, requirement specification, consulting, roadmapping, strategy development and product documentation. Have done several public presentations and lectures.
Consulting	Analysis of an organization's software, product development and testing processes. Planning of development activities. Development of technology management. Development projects.
Software process development	Development of activities and processes. Process assessment. ISO 9001 (and 90003), CMMI. Developed own needs-based assessment techniques.
SW development	Process development and tool development (for example, a large number of instructions / guidelines, document templates and check lists). Research and teaching. Consultation. Personal implementation level experience of information systems and personal tools. (Android camera app in Qt as current hobby)
Agile software development	Agile development, agile testing, general agility (see article in Systeemityö magazine in 2007). Research on agile development of safety-critical systems. http://mattivuori.net/julkaisuluettelo/#ketteryys
Open source	Development of OS risk management training material. Has carried out a business analysis for a company of publishing of existing s/w products as OS. Member of COSS steering group (2008)
Project work	Experience of various kinds of projects; leading and participations: research projects, software development projects, delivery projects, training projects, publishing projects. Project course leader at TUT in 2014
Ethical principles	Process of creating ethical principles. Listing of ethical principles for various purposes (testing, information systems projects)

Customer satisfaction surveys	Definition of customer satisfaction criteria, surveys, deep interviews.
Programming languages	Since 1983 C/C++, VBA ja Visual Basic, Perl, Symbian C++. Java, JavaScript, PHP, SQL, Paradox PAL, ToolBook, Python. Environments: MS-DOS, Windows, S60/Symbian, Qt/Maemo & MeeGo, Qt/Android, Pebble smartwatch.
Publishing	WWW design since 1995. Development of publishing systems since 1996. PDF publishing. Writing and editing of articles, reports, publications. Editor of Laatu ja testaus magazine and Pitky's anniversary publication 2016. Manages Drupal and WordPress

Languages

Finnish	Native speaker
English	Fluent
Swedish	Basics
German	Basics

Publications

List of publications	Too long to reproduce here. See http://www.mattivuori.net/julkaisuluettelo/

Positions of trust and fellowships

Board membership	• Chairman of Information Processing Association in Pirkanmaa Region 2015-2017 and board member 2012-2014 and again 2019.
	• Cybercom Plenware's representative in COSS's board in 2009
	• Sytyke's testing competence community TestausOSY steering group chairman 2013-
	• Sytyke's usability competence community KäytettävyysOSY board chair 2009-2011.
	• FiSTB (Finnish board of International Testing Qualifications Board) board member 2004-2011

Other

Hobbies	• Photography
	• Music
	• Making computer programs for personal needs
	• Strategisen suunnittelun, organisaatioiden kehittämisen ja johtamisen kirjallisuus