



# Yu You, Ph.D.

Web: <http://www.youyu.info>

## Professional Experience Summary

Researching and developing new technologies for collaborative and community-based synthetic environments (2D/3D/VR), particularly in the areas such as unified communication and new user interaction modalities and user interfaces.

## Engineering Experience Summary

- Latest SW development experience in Python and PyGTK+ for multiple platforms (Win32/OS X/Maemo)
- Researching and developing new UI paradigms (mainly XML UIs) for software development and various runtimes and mobile platforms (J2ME, Symbian and Maemo platforms)
- Specialized in Java UI toolkits (AWT/Swing/SWT) and being the Nokia UI representative for mobile SWT specification (eSWT) in Eclipse Foundation; Participating and leading standardization work for Java technologies in JCP and Eclipse Foundation
- Developing new and advanced Java native integration and APIs over Java Native Interface (JNI) that enable full platform-level access and C/C++ like interfaces and data structures on Symbian S60 platform
- Over 10 years system development experiences such as VR simulation systems and Internet/Web development, plus years of system administration and DBA experience

## Education

January 1998 – February 2004

Doctor of Philosophy (Econ.) in the field of Information Science  
Department of Computer Science and Information Systems, University of Jyväskylä, Finland

- Dissertation "*Situation Awareness on the World Wide Web*".

January 1997 - December 1997

Master of Economics and Business Administration in the field of Information Systems  
Department of Computer Science and Information Systems, University of Jyväskylä, Finland

- Master degree thesis "*Design and implementation of a collaborative virtual environment*". Grade: Magna Cum Laude

September 1988 - July 1992

Bachelor's degree of Engineering in the field of Software Engineering  
Department of Computer Science, Chengdu University of Science and Technology, China

- Bachelor degree thesis "*Forms specification and generator in office automation*". Awarded the best thesis by Chengdu University of Science and Technology, China

## Professional experience

April 2003 – Present



## Member of Research Staff

Nokia Corporation

[http://research.nokia.com/people/yu\\_you/index.html](http://research.nokia.com/people/yu_you/index.html)

Tampere, Finland

- Researching new collaborative and community technologies and services
- Developed new Java-Native integration and UI technologies
- Led UI standardization work as Nokia representative in Eclipse eRCP project, Eclipse Foundation.

## July 2001 – 03/2003

Co-Founder and Senior SW Engineer

Inter-Click Oy

Jyväskylä, Finland

- Developed Internet Banner CPC/CPM/CPA advertising and affiliate systems (WAP support);
- Built Web-based e-Commerce B2B and B2C systems (ASP model) and business trading portal system for both individual product and service providers;
- Developed Linux-based Web hosting package tools including DNS, Mail, and virtual hosting user management (open-sourced);



## May 2000 – June 2001

Senior Software Engineer

ATIT Oy

Jyväskylä, Finland

- Developed instant messaging tools for Mobile Java phone (for Siemens Finland) and WinCE PDAs. Programming language: Java (J2ME).
- Developed web-based instant user awareness and messaging tool. It's a typical centralized client/server system that can be used as groupware for intranet/extranet or online helpdesk tool for any e-business. I am one of the inventors and chief system designer. I am responsible of communication protocols, server/client architecture, system implementation, and mobile interfaces.



## January 1998 – April 2000

Researcher in VIVA project

Department of Computer Science and Information Systems, University of Jyväskylä, Finland

- It is a virtual reality office application that supports group work. I study the concept of user awareness and its application on the Internet/WWW, and implemented the People Awareness Engine (patented by the project).

September 1998 - December 1998 Researcher (part-time) in VISIT project

Department of Physics, University of Jyväskylä, Finland

- VISIT is a virtual reality project for simulations. I made feasibility studies and prepared for the case design report (R-WP-1) for the HOLVI system (an immersive Cave™ environment).

January 1996 - December 1996

Programmer (part-time) for Gear test tool

Priimi Oy, Tampere, Finland

- Gear test tool is used to test different gears' radio and tolerance in gear test bench. It uses Microsoft data acquisition card (ACL-812PG) to communicate with stepper motor control card.

September 1993 - August 1995

Assistant lecturer and assistant engineer

Chengdu University of Science and Technology, Chengdu, China

- Video games and educational software (1/1995 - 8/1995)  
programming computer games for 16bit family machines and educational software for secondary and high school students.
- Development of Chemical industry information system for provincial bureau (5/1994-12/1994)  
The system is proposed by Sichuan Chemical Industry Ministry and Chengdu University of Science and Technology. It covers eighteen factories in Chengdu area. I engaged in two parts of this system: materials management and safety management systems.
- Developed knowledge management systems for the Ministry of Public Health of China.

**Patents**

Yu You (2008), Method, Apparatus and Computer Program Product for Providing Relevance Indication

**Publications**

Yu You, Panu Åkerman and Suresh Chande (2008), ActivePlace, a unified collaboration environment, The 5thth International Conference on Cooperative Design, Visualization and Engineering (CDVE'08), Forthcoming, Mallorca, Spain

Yu You, Panu M. Åkerman (2007), Virtual Office for nomadic collaboration, position paper for ECSCW 07 Workshop "Beyond mobility: Studying nomadic work".

Yu You and Samuli Pekkola (2001), Meeting Others - Supporting Situation Awareness on the WWW, the Special Issues of Group Support Systems, GSS Journal.

Mike Robinson, Yu You, Samuli Pekkola (2000), From Information to Conversation, ACM 2000 Conference on Computer Supported Cooperative Work, Philadelphia, Pennsylvania, USA.

URL: <http://www.acm.org/cscw2000/>

Yu You (2000), The Design Space for Web User Awareness, World Conference on the WWW and Internet (WebNet'2000), San Antonio, Texas, USA.

URL: <http://www.ace.org/conf/webnet/>

Yu You (2000), A Survey For The Study Of Awareness In Co-Operative Systems, the 23<sup>rd</sup> Conference on Information Systems Research In Scandinavia (IRIS'23), Uddevalla, Sweden.

URL: <http://iris23.htu.se/>

Samuli Pekkola, Yu You (2000), Mobile Phones, Refrigerators, Bar Code Readers, Cameras, The Web and - People, the 23<sup>rd</sup> Conference on Information Systems Research In Scandinavia (IRIS'23), Uddevalla, Sweden.

URL: <http://iris23.htu.se/>

Yu You and Samuli Pekkola (2000), Awareness Supporting Research And Implementation, the Proceedings of the Pacific Asia Conference on Information Systems (PACIS'2000), Hong Kong, China.

URL: <http://www.bm.ust.hk/~ismt/pacis2000/>

Yu You and Mike Robinson (1999), User awareness on the WWW. The proceedings of the Fifth International Conference for Young Computer Scientists (ICYCS'99), Nanjing, China.

URL: <http://www.seu.edu.cn/icycs99/>

Yu You (1997), Design and implementation of a collaborative virtual environment, Master's degree thesis, University of Jyväskylä, Finland.

Yu You, Zheyang Zhang and Vesa Savolainen (1997), Virtual teamwork environment: a web-based conical administration framework. The Proceedings of the Third Americas Conference on Information Systems (AIS'97), Indianapolis, Indiana, USA

URL: <http://hsb.baylor.edu/ramsower/ais.ac.97/papers/savol.htm>

Yu You (1992), Forms specification and generator in office automation, Bachelor's degree thesis. Awarded the best paper by the Chengdu University of Science and Technology, China.

## Hobbies

Away from the world of computers and Internet, enjoying my life in a wide range of outdoors activities, such as

- football playing
- skiing (downhill is preferable)
- swimming and fishing
- billiard ball (8/9 balls and snooker)