77 Massachusetts Avenue   Tel.: (617) 253-7657
MIT 1-245   E-mail: ninghai@mit.edu
Cambridge, MA 02139   Homepage: http://web.mit.edu/ninghai/www

HAI NING

OBJECTIVE:

System Architect/System Integrator/Software Engineer/Project Manager in business IT solution, distance education, knowledge management, distributed computing, and enterprise integration for large-scale software systems.

EDUCATION:

Massachusetts Institute of Technology   Cambridge, MA   Jan. 2004
Doctor of Philosophy   Major in **Information Technology**
Massachusetts Institute of Technology   Cambridge, MA   June 1999
Science Master in Architecture Study   Major in **Computation and Design**
Tsinghua University   Beijing, PR. China   June 1997
Bachelor of Architecture   Major in **Architectural Design**
Tsinghua University   Beijing, PR. China   June 1997
Bachelor of Engineering   Major in **Computer Science**

PROFESSIONAL EXPERIENCE:

Massachusetts Institute of Technology   Cambridge, MA   Apr. 2001 – Present
RobotWorld Research Project Manager & Lead Researcher
- Multi-million dollar research project funded by Microsoft, exploring educational technology design-oriented learning.
- Designed and developed Peer Review Evaluation system and InkBoard for Tablet PC application, both showcased in Microsoft Faculty Summit 2003.
- Peer Review Evaluation system is used in International Robots Design Competition 2002 at MIT.
- Research papers won Best Paper Awards at eLearnInternation 2003 and EISTA '03. (see awards).

Massachusetts Institute of Technology   Cambridge, MA   Aug. 2002 – Present
Grid Computing Project Manger & Lead Researcher
- Project funded by Sandia National Lab and National Infrastructure Simulation and Analysis Center.
- Managed the research of architecting large scale agent simulation systems based on Web Services technology.
- Developed Supply Chain, supervised Grid Garden, both demonstrated in NISAC's Capability Show 2003.

Korgi Inc.   Cambridge, MA   Oct. 2000 – Present
Co-founder, Chief Architect
- Negotiated funding from Japanese construction industry giant Kajima.
- Developed Caddie Systems that delivers educational content over distributed web platform.
- Caddie was sold to universities in Japan and Ireland, has more than 15,000 registered users.

Vinterprise Corp.   Cambridge, MA   Sept. 1999 – Sept. 2000
Co-founder, Chief Architect, Chief Technology Officer
- Provided IT services to small and mid-size companies in Greater Boston area.
- Built communication portals for electronic manufacturers to link their design team with production team.
- Gained valuable experience in starting up ventures, establishing business and engaging clients.

e-MIT, Sloan School, MIT   Cambridge, MA   Oct. 1999 – Feb. 2001
Co-founder, IT Director
- Built entrepreneurship portals for MIT students, and organized various entrepreneurial events and programs.
- Won the McGovern Award of the year 1999 for the impact on the quality and overall spirit of entrepreneurship at MIT.

Singapore MIT Alliance, MIT   Cambridge, MA   May 1999 – May 2000
IT Director and Lead Architect
- $100 million project focused on distance education collaboration between MIT and Singapore Universities.
- Led the building and managing of the web platform for delivering the content.

First Call Interactive Group   Cambridge, MA   Jun. 1998 – Nov. 1999
Web Technology Consultant, Graphics Designer
- Build financial research intranets for State Street Bank, Bowne Bond Sale, Dell Computer and KPMG.
- Designed and managed large-scale financial database, designed and build front-end UI for financial services web sites.

IESL in Civil Engineering Department, MIT   Cambridge, MA   Jan. 1998 – Present

Research Assistant

- Researched in knowledge management systems.
- Designed and deployed COMMAND course management systems to MIT community.
- COMMAND has over 200 MIT courses and 4000 registered users.
- Built research web portals for collaborative projects between MIT and Ford, Benz, Motorola and Intel.

COMPUTER SKILLS:

Specialized in: Microsoft .NET systems and applications, Microsoft Enterprise Servers, Microsoft Tablet PC Application Development, Grid Computing, Java and Enterprise J2EE.

Proficient in: Large-scale web application planning, design, development and deployment. System integration, database design and administration, distributed computing, grid computing, desktop application development, graphics design, digital video production, 2D and 3D rendering and animation, 3D modeling, HTML programming, CGI programming, VRML and Open Inventor programming, OpenGL programming, Java 3D, multimedia production, Windows 2000 & NT, UNIX, Linux system administration.

Programming Language: C#, C, C++, Visual Basic, Java, JavaScript, HTML, XML, XSLT, ColdFusion, Perl, Tcl/Tk, Lingo, SQL, Lotus Script, VB Script, ASP, LISP, Assembly, Pascal, and Fortran.

Recent Awards:

Aug. 2003	**Best paper of EISTA'03:** *Online Peer Review in Teaching Design-oriented Courses*	International Conference on Education and Information Systems: Technology and Applications 2003
Feb. 2003	**Best Paper of eLearnInternational '03:** *Implementing Peer Review Evaluation Process with Tablet PC and .NET Platform*	Scottish Enterprise, eLearnInternational '03, Edinburgh, Scotland, U.K.
Aug. 2002	**Research Fellowship**	Center of Innovation in Product Development, Engineering Systems Division, MIT
Oct. 2000	**Dean of Engineering Graduate Fellowship**	School of Engineering, MIT
May 1999	**McGovern Award**	MIT Entrepreneurship Center
Jan. 1998	**Research Fellowship**	Department of Civil and Environmental Engineering, MIT
Aug. 1997	**Graduate Fellowship**	School of Architecture, MIT

RECENT CONFERENCES:

- Ning, H., Williams, J. R. (2003). *Implementing Peer Review Evaluation Process with Tablet PC and .NET Platform.* eLearnInternaltional, Feb. 2003, Edinburgh, Scotland, U.K. *Best paper
- Ning, H., Williams, J. R. (2003). *Online Peer Review in Teaching Design-oriented Courses.* International Conference on Education and Information Systems: Technology and Applications, Aug. 2003, Orlando, Florida., USA. *Best paper
- Panel Chairman, International Conference on Education and Information Systems: Technology and Applications, Aug. 2003, Orlando, Florida. USA.

RECENT PUBLICATIONS:

- Ning, H., Williams, J. R. (2003). *Implementing Peer Review Evaluation Process with Tablet PC and .NET Platform.* Submitted to Special Edition of the International Journal of Training and Development 2003.
- Ning, H., Williams, J. R. (2003). *Online Peer Review in Teaching Design-oriented Courses.* Submitted to Journal of Systemics, Cybernetics, and Informatics.
- Ning, H., Williams, J. R. (2003). *Online Peer Review in Teaching Design-oriented Courses.* Included in Index to Scientific & Technical Proceedings (ISTP/ISI Proceedings).