

JAMES D. ISAAK

SUMMARY

Experienced leader and facilitator with strong technical background and effective communications skills.

- Significant ability to anticipate trends, synthesize information, and communicate succinctly
- Experienced collaborator and change agent within the information technology industries
- Established expertise in Internet, World Wide Web and Information Infrastructure
- Effective public spokesperson
- Creation and implementation of STEM programs for all age levels.
- Senior-level leader in national and global standardization and professional activities

WORK HISTORY

Retired since 2008, “No longer getting paid for my work”

- Developed “*Indistinguishable from Magic*” syllabus and courses for use with OLLI, RISE and pre-college education programs here in NH (see syllabus at www.JimIsaak.com)
- IEEE volunteer roles: Computer Society President, 2011, Chair IEEE Marketing & Sales committee, Chair IT Strategy Committee, member MGA IT Operations Committee, vTools Committee, TAB Future Directions Committee, IEEE-USA Committee on Communications Policy, etc.

Southern New Hampshire University

2002-2008

Assistant Professor of Information Technology in the School of Business

- Part of team developing ALICE based introduction course, and related Text (Prentice-Hall, 2008)
- Integration of school/department competencies into model syllabi for IT Management graduate program, and e-Commerce and e-Business graduate class.
- Classes: IT Management, E-Commerce, Introduction to IT

Daniel Webster College and New Hampshire Community Technical College 2000- 2002

and **Independent Consultant** on Internet Strategy issues.

Adjunct Professor

- Developed Web Design Certificate program for Daniel Webster College
- Contributing editor on Ziff-Davis "Standard for Internet Commerce"
- Developed web evaluation software for student project analysis
- Distance learning content creation for Blackboard and WebCT

Compaq Computer (Digital Equipment Corp.)

1987 - 1999

Director, Information Infrastructure Standardization

Director, POSIX (UNIX/Linux) Standards Strategy

- * Lead corporate spokesperson in industry forums: World Wide Web Consortium, Cross Industry Working Team, ANSI Information Infrastructure Standards Panel, X/Open Board of Directors and ISO/IEC JTC1 POSIX
- * Led \$80 billion incremental market growth effort through industry collaboration over 10 years
- * Created a standards marketing program and publication, projecting corporate credibility & visibility
- * Developed influential roles in industry forums to promote business strategies & identify opportunities
- * Utilized industry spokesperson role as door opener into targeted major accounts on a global basis
- * Senior level consultant and mentor for diverse groups including engineering, legal and marketing
- * Numerous articles, interviews & presentations (customer, conferences, consultant/press) to build presence in target market areas and convey strategic messages

Charles River Data Systems**1981 - 1987**

Computer vendor: M68000 based systems with UNIX Compatible O.S.

Director, Strategic Planning (Reporting to President/CEO)**Director, Product Marketing**

- * Contributed to business startup process including development of contracts, presentations to venture capitalists, product positioning, staffing and ongoing business development as part of executive management team

Prior experience includes positions with Data Genera, Intel, Calma, and IBM. This includes application and systems software program development, debugging, customer training and service. Of particular interest is work at IBM, simulating the Information Infrastructure based on switched broadband communications.

EDUCATION**MSEE, Computer Engineering, Stanford University****BS, Computer Studies, Stanford University****CONTINUING EDUCATION**

- * Leadership New Hampshire, Class of 2002 <http://www.leadershipnh.org/>
- * Press/Interview/Public Spokesperson training
- * Continuing technical development in HTML, XML, web technology, Visual Basic, Access, and Linux
- * Odyssey Program for Speculative Fiction Writers - <http://www.sff.net/odyssey/>
- * And various courses at Community Colleges, with IEEE, and in RISE and OLLI programs

PROFESSIONAL ACTIVITIES

IEEE & Society Leadership Roles:	Other Leadership Roles
IEEE Board of Directors, 2003/2004 (candidate 2013)	Chair, Internet Best Practices Standards Committee since 1997
Computer Society President 2010	Convener, ISO/IEC JTC1/SC22/WG15 POSIX (1987-1998)
CS Board of Governors 2000-2011	IEEE IT Strategy Committee, IEEE Marketing & Sales
SSIT Board of Governors 2004-2014	IEEE MGA Membership 2011, ITCO 2011, vTools 2011/12
Internet Society Advisory Committee 1998- 2002	IEEE TAB Future Directions 2010-2012
Social Implications of Technology Board, 2001-pres.	IEEE Standards Association Board of Governors 1999
Vice President for Standards, 1996, 1997, 1998	Co-Chair, Year 2000 Task Force for IEEE 1998-1999
Vice President for Technical Activities, 1999	IEEE Standards Board & Subcommittees, 1988-1998
Other:	
Founding member: Hollis Town Computer and Communications Infrastructure Committee (2000-2004)	

AWARDS, RECOGNITIONS and PATENTS

- * US Patent 6,622,247: "Method for certifying the authenticity of digital objects by an authentication authority and for certifying their compliance by at testing authority." [2003]
- * First recipient of IEEE Computer Society Hans Karlsson Award
"in recognition of outstanding skills and dedication to diplomacy, team facilitation and joint achievement, in the development or promotion of standards in the computer industry where individual aspirations, corporate competition, and organizational rivalry could otherwise be counter to the benefit of society."
- * Nominated for President of IEEE Computer Society for 2000, again 2008, elected 2009
- * Selected for Computer Society "Distinguished Visitor Program" topics: Web Page Engineering, Business Value of Standards; and Chapters Tutorials Program speaker.

PUBLICATION HISTORY at <http://www.jimisaak.com/bio/pubs>