

Phillip J. Windley

801.368.2115

phil@windley.org

Phillip J. Windley is a nationally recognized expert in using information technology (IT) to add value to the business. Dr. Windley regularly consults with businesses on this topic. He is particularly interested in the areas of interoperability, web services, XML, and digital identity. Dr. Windley is a frequent author and speaker on these topics and authors a free, daily, web-based newsletter at www.windley.com.

Experience

May 2004 to present *Associate Professor*

Computer Science Dept., Brigham Young University

- Establish research programs in Web services, digital identity, and distributed computing
- Direct the research work of graduate and undergraduate students
- Teach courses in large-scale distributed computing, programming language theory, and networking.

2003 to present *Professional Writer*

- Contributing Editor, InfoWorld Magazine. Concentrating on Web services, digital identity, and business intelligence. (see <http://www.windley.com/outlines/infoworld.html>)
- Monthly Columnist, Connect Magazine. Focus is on the impact of technology on business and society. (see <http://www.windley.com/outlines/connect.html>)
- Writing a book on digital identity management.

2001 to 2002 *Chief Information Officer*

Office of the Governor, State of Utah

- Responsible for vision, strategy, direction, guidelines, policies, planning, coordination and oversight for information technology for all executive branch agencies of Utah (22,000 employees).
- Reported to the Governor, and was a member of the Governor's Senior Staff and Cabinet.
- Work with department and IT executives across the state.
- Chair the state's Information and Technology Policy and Strategy Committee, which sets policy and strategy for IT statewide
- Specific accomplishments include:
 - Successfully deployed dozens of eGovernment applications.
 - Reorganized critical IT functions across more than 20 departments and agencies to drive Governor's vision of eGovernment.
 - Implemented common directory services and email for all 22,000 employees.
 - Oversaw budget of \$120 million for IT and over 900 IT employees.
 - Created and established a coherent set of policies for computer security on state computers systems and networks.
 - Established an enterprise storage solution.

- Created and implemented rebranding strategy for the state online services including the move to a new URL, new logo, common look and feel across hundreds of separate web sites, and an advertising campaign.
- Created and drove a customer centric vision for IT services in the State including the establishment of a multi-tiered support environment.

1999 to 2001 *Vice President, Product Development and Operations*
Excite@Home, Redwood City, CA

- Manage product management, engineering, customer service, network operations, and software quality assurance groups.
- Responsible for product development in the Excite Business Applications (EBA) group. EBA provided shared, commerce, and managed hosting services for over 50,000 customers.
- Specific accomplishments include:
 - Increased division revenue from \$4 million in 1999 to \$26 million in 2000 with EBIT of \$2.7 million.
 - Development and release of award-winning shared hosting product for AT&T.
 - Development and release of Freetailer e-commerce product on the Excite network.
 - Introduction of activity based costing to product development in EBA.
 - Managed planning and build-out for the new Orem facility, including a 3000 square foot, Class A data center.
- Senior corporate officer in Excite@Home's Utah office, responsible for all employees in Utah (110 employees).

1998 to 1999 *Chief Technology Officer*
iMALL, Inc., Santa Monica, CA

- Responsible for all technical strategies, activities, plans, and policies for iMALL, Inc., an early Internet e-commerce company that was acquired by Excite@Home in 1999.
- Designed, planned, and built a multi-tier Internet application platform for e-commerce.
- Responsible for all product planning as iMALL developed a market, customers, and strategies.
- Specific accomplishments include:
 - Opened Provo UT office and built a technical team that ultimately numbered over 100 people to carry out iMALL's product strategy.
 - Conceived and developed iMALL's e-commerce products, which included one of the earliest hosted e-commerce applications, a product level search engine (stuff.com), and the imall.com shopping portal.
 - Key member of the senior executive team that sold iMALL, Inc. to Excite@Home for over \$450 million.

1993 to 1999 *Associate Professor*
Brigham Young University, Provo, UT

- Director and Founder, Laboratory for Applied Logic.
- Conducted research in large scale, enterprise networked applications and formal methods in hardware design. Conducted government and corporate sponsored research in these areas. Received nearly \$1 million in research sponsorship.
- Taught classes in programming language concepts and theory, hardware design, and formal methods.
- Member of University Information Technology and Internet committees.
- Consulted with Internet companies, including iMALL, Inc. in the design and implementation of large scale Internet applications.
- Over 38 peer reviewed publications.

1994 to 1996 *Founder, Partner*
Electronic Marketing Services, Provo, UT

- Founded the imall.com shopping portal, one of the earliest online shopping sites on the Internet.
- Pioneered key concepts in online commerce including shopping carts, online software for site creation, and electronic transactions.
- Built business model for selling services to merchants who wanted to be online.

1990 to 1993 *Assistant Professor*
University of Idaho, Moscow, ID

- Director and Founder, Laboratory for Applied Logic
- Conducted research in microprocessor verification and formal methods.
- Taught classes in microprocessor design and programming language concepts.

1982 to 1986 *Member, Technical Staff, Reactor Materials Division*
LT, US Naval Reserve
Naval Reactors, Department of Energy, Washington D.C

- Primary duty as a nuclear metallurgist.
- Oversaw material irradiation testing in Advanced Test Reactor.
- Oversaw irradiation testing evaluation in Expanded Core Facility.
- Conducted reviews of engineering plans for robotic test equipment, HVAC facilities, and other testing gear.
- Responsible for \$60 million/year operating and capital budget for conducting irradiation tests.

Education

- 1990 *PhD*** **University of California, Davis, Computer Science**
Davis, CA. Dissertation: The Formal Verification of Generic Interpreters
- 1988 *MS*** **University of California, Davis, Computer Science**
Davis, CA
- 1982 *BS*** **University of Idaho, Metallurgical Engineering**
Moscow, ID

Other Training

- 2000 *Certificate*** **University of Michigan, Management Development Program**
Ann Arbor, MI
- 1983 *Certificate*** **Westinghouse Bettis Nuclear Reactor Engineering School**
Pittsburgh, PA

Related Activities

- Member, Board of Directors, Sento Corp. (SNT0), 2003—present*
- Advisory Board Member, PingID Network, 2002—present*
- Advisory Board Member, Canyon Park Technology Center, 2002—present*
- Advisory Board Member, Sanctuary Networks, 2004-present*
- Board Member, Utah Information Technology Association, 2001—2003*
- Member, College Advisory Committee, College of Physical and Mathematical Sciences, Brigham Young University*
- Member, College Advisory Committee, School of Computer Science and Engineering, Utah Valley State College*