

# Scott Gilkeson

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DATA VISUALIZATION ✧ WEB STRATEGY ✧ PROBLEM-SOLVING

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## PROFESSIONAL PROFILE

- User-centered IT consultant with two plus decades of experience in medical, intelligence, publishing, pharmaceutical, financial and other fields, guiding clients to realize the fullest potential of their IT investments and Web resources.
- Experienced team manager, encouraging creativity while providing strong direction; grounded in business fundamentals and watching the bottom line.
- Skilled problem-solver with the deep technical background and broad experience in business and government environments to overcome both technological and organizational barriers.
- Innovative and practical technologist developing ideas, products and solutions.
- Special focus on making sense in information-dense domains and using data visualization tools and techniques to help bring data to life.

## PROFESSIONAL EXPERIENCE

- Created and refined Web-based data visualization and information sites for a wide range of topics, working with government statistical agencies and top management within them to ensure an accurate and understandable presentation.
- Consulted internationally for government and Fortune 1000 companies.
- Helped develop HyperTIES®, a pre-Web hypertext system.
- Created dozens of CD-ROM educational reference works for large publishers.
- Started the Washington, DC, office of Cognetics Corporation and managed it profitably for six years.
- Strong professional connections with the University of Maryland's Human Computer Interaction Laboratory, a pioneer in advanced data visualization, online communities, and computing for children.

### *Selected Clients and Projects:*

- *State of the USA* -- Chief Data Officer, responsible for acquiring data for a wide variety of indicators and making it understandable and usable by a diverse audience, working closely with government statistical agencies; general participation on the executive team.
- *Key National Indicators Initiative* -- Created a vision and initial prototype for a Web site focused on data visualization and communication for a collection of key indicators for the U.S.
- *National Cancer Institute* – Coordinated presentation of statistical models and data for widespread understanding and use; conducted requirements gathering and design of an award-winning web site focused on comprehensive cancer control planning; information architecture design and usability testing for various web sites.

- *In-Q-Tel* – Needs assessment for various groups within the intelligence community; interface review and design for a variety of products, prototypes and presentations, particularly with regard to finding complex patterns in data.
- *CareScience* – Concept development, with a distributed team, of a pioneering medical records online access system.
- *Elsevier Science* – Conceptual design and project management for a medical journals web site, including search, personalization, and transaction functions.
- *Discover Financial Services* – User requirements and interface design of call center software used by 5,000 collections and new accounts managers.
- *Novartis Consumer Health* – Lotus Notes-based global corporate communications and information system; advisory services for knowledge-management efforts at Gerber, a subsidiary.
- *Gale Research* – Design and development for Gale’s first library-oriented, information-rich reference CD-ROMs for PC and Macintosh.
- *JNIDS (Joint National Intelligence Development Staff)* – Design of an analyst’s workstation for shipboard watch officers that Booz Allen estimated saved the Navy \$43 million in training costs.

## PROFESSIONAL HISTORY

- Independent Consultant, January 2005 to present
- Chief Data Officer, State of the USA, Washington, DC, 2008 - 2010
- Principal & Director of Design Services, Cognetics Corporation, Silver Spring, MD, 1998–2004
- Principal Consultant, The Gilkeson Group, Bethesda/Silver Spring, MD, 1989–1998
- Consultant, Quyen Systems, Inc., Gaithersburg, MD, 1988–1989
- Programmer, Telenet, Inc., Reston, VA, 1987–1988
- Programmer, Dynatech, Inc., Springfield, VA, 1985–1987

## EDUCATION

- Master of Science, Computer Science, George Mason University, Fairfax, VA, 1992
- Bachelor of Science, Computer Science, James Madison University, Harrisonburg, VA, 1984, *summa cum laude*

## PUBLICATIONS AND PRESENTATIONS

- Community Indicators Consortium Annual Conference, “State of the USA: Launch and Next Steps” and “New Tools for Data Visualization”, October 1-2, 2009
- Tech 2000, “A Look at the Future—Online Newspaper,” museum exhibit co-sponsored by AT&T, 1993 – 1995
- Various graphical user interface design talks and courses in the US and Europe, for groups including the Graphics Communication Association, FOSE ’94, Rehabilitation Technology Association Training Symposium, and the American Society of Association Executives Management Conference.