

YOURDON



Curriculum Vitae

Edward Yourdon is an internationally-recognized expert witness and computer consultant who specializes in project management, software engineering methodologies, and Web 2.0 development. He is the author of more than two dozen books, including *Outsource: competing in the global productivity race*, *Byte Wars*, *Managing High-Intensity Internet Projects*, *Death March*, *Rise and Resurrection of the American Programmer*, and *Decline and Fall of the American Programmer*. He is currently focusing on Web 2.0 technologies, and was the guest editor of the October 2006 special issue of the Cutter IT Journal on "Creating Business Value with Web 2.0"; he has developed an extensive "mind-map" of Web 2.0 concepts, technologies, products, and vendors, which can be downloaded as a

PDF file from his blog, *The Yourdon Report*.

According to the December 1999 issue of *Crosstalk: The Journal of Defense Software Engineering*, Ed Yourdon is one of the ten most influential men and women in the software field. In June 1997, he was inducted into the Computer Hall of Fame, along with such notables as Charles Babbage, Seymour Cray, James Martin, Grace Hopper, Gerald Weinberg, and Bill Gates. Yourdon is widely known as the lead developer of the structured analysis/design methods of the 1970s, as well as co-developer of the Yourdon/Whitehead method of object-oriented analysis/design and the popular Coad/Yourdon OO methodology of the late 1980s and 1990s. He was awarded a Certificate of Merit by the Second International Workshop on Computer-Aided Software Engineering in 1988, for his contributions to the promotion of Structured Methods for the improvement of Information Systems Development, leading to the CASE field. He was selected as an Honored Member of Who's Who in the Computer Industry in 1989. And he was given the Productivity Award in 1992 by *Computer Language* magazine, for his book *Decline and Fall of the American Programmer*.

Yourdon has worked in the computer industry for more than 40 years, beginning when Digital Equipment Corporation hired him in 1964 to write the FORTRAN math library for the PDP-5 and the assembler for the popular PDP-8 minicomputer. During his career, he has worked on over 25 different mainframe computers and was involved in a number of pioneering computer technologies, such as time-sharing operating systems and virtual memory systems.

After stints with DEC and GE, a small consulting firm, and a few years as an independent consultant, Yourdon founded his own consulting firm, YOURDON Inc., in 1974, in order to provide educational, publishing, and consulting services in state-of-the-art software engineering technology. Over the next twelve years, the company grew to a staff of over 150 people, with offices throughout North America and Europe; as CEO of the company, he oversaw an operation that trained over 250,000 people around the world in structured programming, structured design, structured analysis, logical data modeling, and project management. YOURDON Inc. was sold in 1986 and, after several mergers and acquisitions, eventually became part of CGI, the French software company that is now part of IBM. The publishing division, YOURDON Press (now part of Prentice Hall), has produced over 150 technical computer books on a wide range of software engineering topics; many of these "classics" are used as standard university computer science textbooks.

Yourdon is the author of over 550 technical articles; he has also written 27 computer-related books since 1967. Among his recent books are *Death March* (1997), *Case Studies in Object-Oriented Analysis and Design* (1996), *Mainstream Objects* (1995), and *Object-Oriented Systems Development: An Integrated Approach* (1994), as well as two earlier OO books co-authored with Peter Coad. Several of his books have been translated into Japanese, Russian, Spanish, Portuguese, Dutch, French, German, Polish, and other languages; and his articles have appeared in virtually all of the major computer journals. He is a keynote speaker at major

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computer conferences around the world, and served as the conference Chairman for Digital Consulting's CASE WORLD and SOFTWARE WORLD conferences from 1990 through 1995.

Ed has also served on the Defense Department's Airlie Council, an advisory group that focused on finding "best practice" guidelines and techniques for large, complex projects throughout the 1990s. Ed is currently a Faculty Fellow at the Information Systems Research Center of the University of North Texas, and was an advisor to Technology Transfer's research project on software industry opportunities in the former Soviet Union, and a member of the expert advisory panel on I-CASE acquisition for the U.S. Department of Defense in the early 1990s. He is also the Director of the Business/IT Trends Service for the Cutter Consortium, of which he is a co-founder and chairman, and he serves as Editor Emeritus of the Consortium's flagship publication, the *Cutter IT Journal*.

Ed Yourdon received a B.S. in Applied Mathematics from MIT in 1965; he has carried out graduate work at MIT and at the Polytechnic Institute of New York. He has been appointed an Honorary Professor of Information Technology at Universidad CAECE in Buenos Aires, and has lectured at MIT, Harvard, UCLA, Berkeley, and other universities around the world. He has been quoted in and interviewed by numerous newspapers and magazines, including *The New York Times*, *The Wall Street Journal*, the *Los Angeles Times*, *The Christian Science Monitor*, the *Boston Globe*, *The Times of India*, *Newsweek*, and several computer trade publications. He has also been interviewed on numerous television news shows and radio programs, including Fox News, the ABC Evening News, CNBC, and National Public Radio.

Yourdon is a member of the Association of Computing Machinery (ACM), Institute for Electrical and Electronic Engineers (IEEE), Project Management Institute (PMI), and the International Technology Law Association (ITLA).

1987-Present

CEO of NODRUOY Inc., a computer consulting, publishing, and research firm based in New York City. Responsible for all professional consulting engagements; research reports and technical publications; product planning and development; and strategic planning for future products and services.

1986-1987

Vice President of DeVRY, Inc. After YOURDON Inc. was acquired by DeVRY, Ed Yourdon was made a Vice President of Research & Development, with the task of identifying and reporting on significant new technology trends in the high-technology industries that could provide business opportunities for DeVRY and its parent, Bell & Howell, Inc.

1974-1986

Founder and CEO of YOURDON Inc., an international consulting, software development, publishing, and training company. Responsible for strategic planning; R&D; product development; business development; and oversight of the technical staff.

1970-1974

Independent consultant, specializing in software development/engineering methodologies, project management, and technical consulting engagements involving real-time and online systems.

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1968-1970

Director of R&D at E.L.I. Computer Time-Sharing, Inc. Responsible for identifying, reporting on, and deploying new networking and distributed technologies that would be applicable to a high-tech start-up firm that was developing ERP products and services for the textile and garment industries in the metropolitan New York area.

1968

Senior Consultant, Mandate Systems Corp. Assigned by this New York City consulting firm to assist clients in developing, extending, maintaining, and trouble-shooting complex time-sharing computer systems.

1966-1967

Project Manager, Medinet Division of General Electric. Responsible for the development of an advanced operating system on a specially-modified mid-range GE computer system, to be used as the nucleus for an advanced hospital information system developed by Medinet.

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1964-1966

Senior Programmer, Digital Equipment Corp. Assigned to develop the FORTRAN math library on the PDP-5, PDP-8, and PDP-6 computers; maintained a legacy assembler on the PDP-5, and then worked as the sole developer of the PAL-III assembler for the PDP-5 and PDP-8 computers; developed several middleware suites for the PDP-6 time-shared operating system environment.