

EDWARD YOURDON

EDWARD YOURDON is an internationally-recognized computer consultant, as well as the author of more than two dozen books, including *Byte Wars*, *Managing High-Intensity Internet Projects*, *Death March*, *Rise and Resurrection of the American Programmer*, and *Decline and Fall of the American Programmer*. His latest book, *Outsource: competing in the global productivity race*, discusses both current and future trends in offshore outsourcing, and provides practical strategies for individuals, small businesses, and the nation to cope with this unstoppable tidal wave.

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. Ed is widely known as the lead developer of the structured analysis/design methods of the 1970s, as well as a co-developer of the Yourdon/Whitehead method of object-oriented analysis/design and the Coad/Yourdon OO methodology in 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*.

Ed has worked in the computer industry for 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, Ed 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 12 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 eventually sold in 1986 and after several more 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.

Ed is the author of over 500 technical articles; he has also written 27 computer books since 1967. Among his recent books are *Outsource* (2004), *Death March* (2nd edition, 2003), *Byte Wars* (2002), *Managing High-Intensity Internet Projects* (2001), *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 computer conferences around the world, and he served as the conference Chairman for Digital Consulting's CASE WORLD and SOFTWARE WORLD conferences from 1990 through 1995.

In addition to serving on the Board of Directors of iGate Corp from 1997 to 2009, 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; he also 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, has lectured at MIT, Harvard, UCLA, Berkeley, and other universities around the world. He has been quoted and interviewed in numerous newspaper and magazine articles, including the *New York Times*, *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 Computer Law Association (CLA).

RESUME DETAILS

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.

1986-87

Vice President of DeVRY, Inc. After YOURDON Inc was acquired by DeVRY, I 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.

1974-86

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.

1970-74

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

1968-70

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 startup 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.

1966-67

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.

1964-66

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.

BOOKS AUTHORED, COAUTHORED, OR EDITED BY ED YOURDON

1. *Outsource: competing in the global productivity race* (Prentice Hall, 2004)
2. *Death March*, 2nd edition (Prentice Hall, 2003)
3. *Byte Wars: The Impact of September 11 on Information Technology* (Prentice Hall, 2002)
4. *Managing High-Intensity Internet Projects* (Prentice Hall, 2001)

5. *Time Bomb 2000!*, with Jennifer Yourdon (2nd edition, Prentice Hall, 1999)
6. *Case Studies in Object-Oriented Analysis and Design*, with Carl Argila (Prentice-Hall, 1996).
7. *Rise and Resurrection of the American Programmer*. (Prentice Hall, 1996).
8. *Mainstream Objects*, with Katharine Whitehead, Jim Thomann, Karin Oppel, and Peter Nevermann (Prentice-Hall, 1995)
9. *Object-Oriented Systems Development: An Integrated Approach* (Prentice Hall, 1994).
10. *Decline and Fall of the American Programmer* (Prentice Hall, 1992)
11. *Object-Oriented Design*, with Peter Coad (Prentice Hall, 1991).
12. *Object-Oriented Analysis*, 2nd ed., with Peter Coad, (Prentice Hall, 1991).
13. *Modern Structured Analysis* (Prentice Hall, 1989).
14. *Structured Walkthroughs*, 4th ed.(Prentice Hall, 1989).
15. *Managing the Structured Techniques*, 4th ed. (Prentice Hall, 1989).
16. *Managing the System Life Cycle*, 2nd ed.(Prentice Hall, 1988).
17. *Nations at Risk*, (Prentice Hall/YOURDON Press 1986).
18. *The Perils of Personal Computing* (YOURDON Press, 1986). (Out of print.)
19. *Silent Witness* (YOURDON Press, 1982). (Out of print.)
20. *Writings of the Revolution* (Prentice Hall, 1982). (Out of print.)
21. *Classics in Software Engineering* (Prentice Hall, 1979). (Out of print.)

22. *Structured Design*, with Larry L. Constantine (Prentice Hall, 1979).
23. *Learning to Program in Structured COBOL, Part II*, with Timothy R. Lister (Prentice Hall, 1978)
24. *Learning to Program in Structured COBOL, Part I and II*, with C. Gane and T. Sarson and T. Lister (Prentice Hall, 1976).
25. *Techniques of Program Structure and Design* (Prentice Hall, 1975).
26. *Design of On-Line Computer Systems* (Prentice Hall, 1972). (Out of print.)
27. *Real-Time Systems Design* (Information & Systems Press, 1967). (Out of print.)