

Content Development

I have over 20 years of experience writing software and hardware documentation for engineering audiences.

EDA Software

I spent 9 years at Valid (later Cadence) as a staff and contract writer. I wrote online documentation for UNIX Electronic Design Automation (EDA) software as both a project leader and an individual contributor. I also conducted usability tests of online help systems. I documented schematic and layout synthesizers, circuit simulators, translators, and IC layout design products.

For recent clients, I have documented verification, analog circuit synthesis, yield improvement, mixed-signal simulation, and FPGA implementation and debugging software products.

Semiconductor Manufacturing Software and Hardware

At Pivotal Systems, I documented the installation and operation of semiconductor equipment process control products and wrote patent disclosures. For Symphony Systems and Advanced Energy, I documented data collection software for semiconductor manufacturing equipment. At IMS, I wrote online documentation for high-speed test equipment and test software.

Data Storage and Deduplication

At Data Domain and EMC, I wrote reference, repair, and application documentation for data storage products.

Medical and Telephony

At Disonics (later Toshiba), I wrote specifications and operator manuals for medical imaging systems. At Cisco, I wrote API documentation for IP phone call control software.

Software APIs

I have documented C, C++, Java, COM/ActiveX, Tcl, and Cadence SKILL (Lisp) APIs. I have worked with JavaDoc and Doxygen.

Publishing Tools and Processes

I am an expert at setting up structured and unstructured single-source publishing processes.

WebWorks Publisher, ePublisher, and FrameMaker

I have over 10 years of experience working with FrameMaker and WebWorks to create customized online publishing solutions. I have spoken about single-sourcing to several chapter meetings of the Society for Technical Communication.

XML, XSLT, and SGML

I began working with SGML and Structured FrameMaker in 1995. More recently I completed several XML and XSLT projects using FrameMaker, DocBook, NLM, and custom DTDs.

Online Document Formats

WebWorks Help, PDF, WinHelp, HTML, Microsoft HTML Help, FrameViewer, Interleaf, and QT Assistant

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Publishing Software Structured FrameMaker, Oxygen XML editor, Interleaf, MS Office, Troff, Vi, RoboHelp, and WebWorks ePublisher

Operating Systems UNIX, Linux, Windows, VMS, and Mac OS

Teaching Experience Starting in 2004 I have visited Chiapas, Mexico, regularly where I volunteer teaching two-month photography and computer literacy courses (in Spanish) and beginning English.

Education B.A. in Physics: 1983, UC Santa Cruz
B.A. in Politics (with Honors): 1989, UC Santa Cruz
Workshops in DTD development and publishing tools
Online help conferences and Society for Technical Communication conventions, including the WinWriters and Help University conferences
Tri-XML Conference, Raleigh, NC, 2006

Awards 1998 Northern California Society for Technical Communication:
Distinguished Award for Online Books

Work History

Year	Job Title	Employer or Client
2002-2011	Consultant	Synopsys, Verisity, Advanced Energy, Pivotal Systems, Barcelona Design, PDF Solutions, Oak Hill Corp., Berkeley Design Automation, Data Domain, EMC, Abound Logic (M2000), and others
2001	Consultant	Symphony Systems and Verisity
1999 - 2000	Technical Publications Lead	Symphony Systems
1997 - 1999	Sr. Publications Technical Consultant	Cadence
1995 - 1997	Sr. Technical Writer	Integrated Measurement Systems
1990 - 1995	Technical Publications Consultant	Cadence
1989 - 1990	Technical Writer	Diasonics/Toshiba
1985 - 1988	Sr. Technical Writer	Valid Logic Systems