

Content Development

I have 20 years of experience documenting software and hardware for the EDA and semiconductor industries.

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.

I have also documented verification, analog circuit synthesis, yield improvement, and custom IC layout software products.

Semiconductor Manufacturing Software and Hardware

At Pivotal Systems, I wrote patent disclosures and documented the installation and operation of semiconductor equipment process control products. For Symphony (later 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.

Other Industries

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

Software APIs

I have written several API manuals and 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 8 years of experience working with FrameMaker and WebWorks to create customized online publishing solutions. I have given presentations to several chapters of the Society for Technical Communication on the subject of single-sourcing.

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

Publishing Software

Structured FrameMaker, Oxygen XML editor, Interleaf, MS Word, Troff, Vi, RoboHelp, and WebWorks ePublisher

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Operating Systems UNIX, Linux, Windows 95/98/NT/2000/XP, VMS, and Mac OS

Teaching Experience “Basic Darkroom” (in Spanish) for the Chiapas Photography Project in San Cristobal de las Casas, Mexico:
January - February 2004 and January - February 2005
“Beginning English” for Tzotzil and Tzeltal speakers, SCdIC, Mexico: September - October 2006 and February - March 2008

Education B.A. in Physics: 1983, UC Santa Cruz
B.A. in Politics (with Honors): 1989, UC Santa Cruz
Graduate student in Political Science (Science & Technology Policy): 1990 - 1991, UCLA
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

Professional Memberships & Awards 1998 Northern California Society for Technical Communication: Distinguished Award for Online Books
Senior Member, Society for Technical Communication

Work History

Year	Job Title	Employer or Client
2002-2008	Consultant	Synopsys, Verisity, Advanced Energy, Pivotal Systems, Barcelona Design, PDF Solutions, Oak Hill Corp., Berkeley Design Automation, 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