

Earl Wajenberg

TECHNICAL WRITER

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SUMMARY

I provide clarity and versatility. I have documented hardware (from fire engines to circuit boards) and software (from GUIs and APIs to ASIC design tools), for technical and non-technical audiences, in large corporations and small ones, in teams and as sole writer.

Experience highlights:

- Using FrameMaker, Word, Acrobat, RoboHelp, XML, HTML over many projects.
- Working in Windows, Mac, and UNIX environments over many different projects.
- Working with Paint.NET and Microsoft Paint.
- Working in military standard documentation.
- Teaching mathematics and physical science.
- Independently writing and publishing fiction and non-fiction.
- Science journalism.

EXPERIENCE

CD-adapco. October 2012 – present

Technical Author

Documenting computer aided engineering software.

Science Applications International Corp. July 2011 – October 2012

Senior Technical Writer / Editor

Documenting military technical manuals written to military specification.

- Editing technical manuals on military equipment using XML.
- Working with technical illustrators and military subject-matter experts.

Technical Needs Inc. October 2010 – July 2011

Contract Technical Writer (to Kollsman Mfg. Co., instrument manufacturer)

Documentation included user documentation, service documentation, and online help.

- Authored documentation for advanced medical diagnostic instruments, using FrameMaker, Microsoft Word, RoboHelp, and Adobe Acrobat.
- Photographed hardware, and inserted and edited images for documentation.

Ezenia Inc. November 2007 – October 2009

Maker of collaboration software for military, security, and commercial users.

Technical Writer

Sole technical writer for the company. Documentation included manuals, quick reference cards, technical bulletins, installation instructions.

- Authored and illustrated document sets for military and government security agencies, and for customer service staff, using Microsoft Word and Adobe Acrobat.
- Created technical bulletins for customers and customer service staff.

- Edited white papers and press releases.
- Created graphics and logos with Microsoft Paint and Paint.NET.
- Created release notes with HTML.

Entege Group. January 2007 – November 2007

Contract Technical Writer (to Entwistle Co., specialty manufacturer)

Sole technical writer for Entwistle. Documentation included manuals, brochures, spreadsheets, and reports.

- Authored user documentation on shipboard machinery, for the US and Japanese navies, including fire-fighting equipment and at-sea cargo transfer rigging
- Created illustrations using Microsoft Paint and CAD/CAM screen captures.
- Edited and organized reports and reference material.

Hesser College. September 2006 – March 2007

Southern New Hampshire University. September 2006 – December 2006

Mathematics Teacher

Taught algebra, financial math, probability, and basic math to a variety of students.

Mercury Computer Systems, Inc. February 1997 – March 2006

Developer of high-speed hardware and software documentation for military, medical, and telecommunications markets.

Principal Technical Writer

- Collaborated in teams of writers maintaining multi-volume doc sets for company's proprietary operating systems.
- Oversaw documentation effort on engineering teams, independently developing documentation plans, integrating documentation schedules with engineering schedules, and conducting review meetings.
- As the sole writer on the project, created libraries of mathematical functions for high-speed signal analysis in radar and medical imaging systems. This required editing both mathematical notation and code samples.
- Managed the company's library of installation instructions for their proprietary circuit boards—wrote, illustrated, updated, coordinated publishing, and directed other writers. These instructions were written for non-technical users, for both hardware and software configuration in military and medical environments.

Chrysalis Symbolic Design, Inc. *Maker of Verilog-based tools for ASIC design.*

Sole technical writer for the company

Digital Equipment Corporation *Manufactured full range of software and hardware.*

Senior Technical Writer

EDUCATION

Graduate Certificate (in progress), Medical Physics,

UNIVERSITY OF MASSACHUSETTS, Lowell, MA

MA, History and Philosophy of Science, INDIANA UNIVERSITY, Bloomington, IN

MS, Physics, TUFTS UNIVERSITY, Medford, MA

BA, Physics, Magna Cum Laude, Phi Beta Kappa, HIRAM COLLEGE, Hiram, OH