

MARK SHELLENBERGER

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COMPUTER SKILLS

Programming/Markup Languages

XML, XSLT, XPath, SGML, XML DTD, CSS, XSL-FO, XQuery, RelaxNG, CSS, XHTML, Perl

DTDs

[National Center for Biotechnology Information](#), [American Psychological Association](#), [Encoded Archival Description-based](#)

EXPERIENCE

Senior Consultant, President, Manorfield Consulting, LLC, Spring House, PA

(August 2006 – Present)

- Trained in MarkLogic Server development and administration
- Conduct DTD analysis of multiple publisher systems
- Created DTD for conference submissions based on DocBook
- Create conversions between publisher DTDs and customized NCBI/NLM Archiving DTD
- Provide analysis and suggestions for the range of NCBI DTDs
- Design and code XSLT 2.0 stylesheets for XML to XML conversion
- Develop XQuery scripts for XSL-FO output into PDF within MarkLogic environment
- Create stylesheets for reporting on problem instances in document sets
- Provide maintenance and updates for SGML to XML conversion project

Full-Text Developer, The American Psychological Association, Washington, DC

(December 2004 to August 2006)

- Primary team member on SGML to XML conversion project for all PsycArticles documents
- Created, developed and maintained XSLT 1.0 & 2.0 stylesheets for XML conversion
- Created and maintained specification documents for SGML to XML conversion project
- Developed and maintained programs and systems to support Full-Text Publishing staff
- Developed and maintained Perl script files for content conversion
- Designed and coded production system for Word to XML/PDF conversion using Perl, RelaxNG, XSLT

Electronic Publishing Specialist, The American Psychological Association, Washington, DC

(July 2000 to December 2004)

- Served as staff lead on DTD and SGML style questions
- Developed and maintained Perl scripts for content conversion
- Reviewed and edited all graphics files for electronic scientific journals
- Acted as the webmaster for APA Journals website. Responsible for maintenance and updates.
- Assisted in supervising daily work of temporary staff related to day-to-day operations
- Conducted training of new employees in the Electronic Publishing group

Technical Information Analyst, The American Psychological Association, Washington, DC

(August 1999 to July 2000)

- Reviewed and analyzed psychological journals
- Wrote, proofread, edited and indexed documents in production of PsycINFO database

Area Coordinator, The Catholic University of America, Washington, DC

(August 1998 to March 1999)

- Coordinated daily operations of 350 resident facility and supervised sixteen student staff and one office manager
- Managed facilities and budget of \$26,000 through cooperation with custodial and maintenance staff
- Provided crisis management skills in a rotating on-call system

Resident Director, Capitol College, Laurel, MD

(August 1997 to August 1998)

- Responsible for the daily operations of an apartment style complex and six Resident Assistants
- Mediated student housing difficulties such as theft, roommate issues and resident concerns

EDUCATION

University of Maryland, University College - B.S., Computer and Information Sciences, May 2005

West Chester University, West Chester, Pennsylvania - M.S., Counseling and Higher Education, May 1997

Muhlenberg College, Allentown, Pennsylvania - B.A., Psychology, May 1994