ELLEN B. HEADRICK

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Web Developer

Highly motivated Web Developer using HTML5 and CSS with database experience using SQL. Demonstrated leadership abilities and teamwork skills as well as the ability to accomplish tasks under minimal direction and supervision. Member of programming development team with full life-cycle experience, including design and specification, development, testing, documentation review, maintenance, user support, and user training.

Select Areas of Technical Expertise:

Programming Languages: JavaScript, Transact SQL, C#, XSLT, OmniMark
Markup Languages: HTML 5, XML, SGML, GML
Style Sheet Languages: CSS, FOSI, DCF
Microsoft Technologies: Office, SQL Server 2005, .NET 2.0
Databases: Access, Microsoft SQL Server 2000 / 2005
Operating Systems: Windows 8/7/98/2000/XP, AIX, UNIX
Software: GIT, JQuery, ArborText, Astoria CMS, IBM Rational ClearCase, SQL Server Management Studio, Visual Studio, Sharepoint

CAREER HIGHLIGHTS

- Wrote code for **multiple style sheets** used for print as well as web pages using CSS as well as other programming languages.
- Extensive experience using **mark up languages** in order to create document databases.
- Broad **web development** experience working in a variety of development environments with proven success writing code that is clean and easily maintained.
- Converted extensive paper files and spreadsheets into **Access database systems** to improve data reporting allowing for better business decisions, efficiency, and productivity across the organization.
- Performed **content migration** of data to new formats maintaining continuity and re-usability of content.

RELEVANT PROFESSIONAL EXPERIENCE

Jeppesen – Englewood, Colorado

System Analyst (2008-2010)

- Analyzed new documents to put into the Astoria Document Database.
- Updated the user guide for the system.
- Worked on the style sheets in FOSI for ArborText and XSLT.
- Problem resolution and work a rounds
- JavaScript for customizing the Arbotext editor

Senior Programmer Analyst (1996-1999)

Standardizing the style sheets for the project so they could be reused and modified allowing a faster development time for future clients. Developed creative solutions to problems that were found in the vendor products, as the products were being used at their upper limits.

Application programmer for Standard Generalized Markup Language (SGML) projects involving:

- Air Transportation Association Document Type Definitions (ATA DTD)
- Style sheets for INSO DynaText and Xyvision Formats
- Conversion programming modifying OmniMark programs.

IBM Staff Software Engineer – Boulder Colorado   1999-2002

Development, maintenance, and user support work on the Information Developers Work Bench (IDWB); this product is used by information developers throughout IBM. Worked remotely with a team that is geographically dispersed.

- XyEnterprise XPP product
- OmniMark conversion programming
- Problem resolution and work a rounds
- Acrobat 5.0 and accessibility

OTHER WORK

Boulder Valley School District – Boulder Colorado
2003-present
- School bus driver driving all routes with all available certifications.
- Working with the To Schools program including:
    - Trip Tracker - made an Access database to help track the students and dollars they earned
    - BLAST (Bike Lessons and Safety Training) – created an Access database to track and report the quiz data and an inventory database to track the bikes.
    - Helped with the EcoPass program to count the signups to make sure which schools meet the criteria to join the program.

Big Cat Trucking and Brokerage – Boulder Colorado   2002-2007
Co-Owner, IT support, office support, and driver.

EDUCATION & SPECIALIZED TRAINING

University of Pittsburgh	**Pittsburgh, PA**	Masters of Science, Information Science
San Jose Sate University	**San Jose, CA**	Bachelors of Arts, Math with Computer Science

WebLab, Web Development Boot Camp, Front Range Community College (2014)

Web Development Boot Camp is a 12 week course designed and taught by internet professionals. The course provides targeted training in Front End Development, including CSS, HTML, JavaScript, UI/UX Design and all the frameworks/libraries. The projects included both team and individual.

Professional SQL Training and Certification, SetFocus, LLC (2007)

Created numerous simple to complex queries involving self joins, correlated sub-queries and XML techniques for diverse business requirements. Tuned and optimized queries by altering database design, analyzing different query options, and indexing strategies. Used basic C# to define and implement CLR stored procedures and functions in SQL Server 2005. Created a Data Access Layer in C#.NET 2.0 to connect to the database. As part of a team, analyzed the business requirements, created various reports using SQL Server 2005 Reporting Services