

SHAWN FUMO

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SKILLS

Primary Experience

ASP.NET (C#, VB.NET)	SQL Server	IIS
Javascript (and jQuery)	Flash	Authorware
XML/XSLT	SCORM	HTML/XHTML
CSS	SubSonic	Classic ASP

Secondary Experience

Python/Cython	Subversion	MySQL
Monorail	Linux	

PROFESSIONAL EXPERIENCE

Senior Web Developer, Veritech Corporation

2006–Present

- Developed an enterprise website in ASP.NET (primarily VB.NET) for an electric reliability council. Features include role-based security, document management and search, voting, reporting, a meeting calendar, and error notification. Security was incorporated into multiple levels of the site, such as what pages and documents would appear in a search to particular kinds of users. Was later asked to re-create their main site with similar functionality and merge the smaller site into it.
- Prototyped a system to provide patient information to medical professionals in times of emergency. Implemented the public-facing and call-center interfaces using ASP.NET (C#) and SubSonic.
- Created a solution for a building contractor that needed a large directory structure of files distributed on DVD-ROMs for a very aggressive time line. Used Python to generate the HTML interface.

Programmer, Veritech Corporation

January 2001–2006

- Developed a website which displays reported power availability from each control area in an electricity transaction, for compliance purposes. Created an XML schema which control areas use to send data to the site. Implemented the display of data using XSLT and ASP. Co-authored a Flash page which displays a graphical map view to access a particular path.
- Created several prototypes of interactive DVD games for a large gaming company using Flash or Authorware. These were done on a short time line, for the purposes of getting intellectual rights for a full-scale production. The limited functionality of DVDs was taken into account when implementing interactivity.

- Created SCORM-compliant course modules for nurse training, using custom Javascript navigation and Flash.
- Implemented several CD-ROM programs for nurse CME training and testing using Authorware. These used video, audio slides, tracking, randomized testing, and gave the ability to print results or submit them online. Adapted an ASP back-end for administrators to track results.
- Implemented the website for a mayoral campaign, using PHP and standard web technologies.

PERSONAL PROJECTS

- Currently developing a real-time knot simulation program using Python and Cython.

EDUCATION

Springfield Technical Community College (Springfield, MA)

Associate in Science, Teleproduction and Multimedia Technology (January 2001)