

JAMES SHIMADA

james@netjs.com (206) 972-7814

SUMMARY OF SKILLS

Programming Languages: Perl, C, C++, C#, Ada, Scheme, Visual Basic, SQL, PHP, JavaScript

Markup Languages: HTML, CSS, XML, XSLT, LaTeX

Servers: Apache, IIS, MySQL, Microsoft SQL Server, Microsoft Commerce Server, Onyx CRM

Operating Systems: GNU/Linux, NetBSD, Mac OS X, Windows NT/2000/2003

Development Tools: CVS, Perforce, Vim, make, Apple XCode, Microsoft Visual Studio, bash shell

PROFESSIONAL EXPERIENCE

Amazon.com (CSC Consulting)

User Interface Engineer (Consultant)

July 2004 - July 2005

Led UI implementation of major enhancements to the *Promotions Manager*, a full-featured merchant Web application part of Amazon.com's Seller Central platform. Collaborated with UI designers and software engineers using the Scrum agile method.

Internationalized the Promotions Manager application using the open source ICU internationalization library and in-house frameworks. Delivered a department-wide presentation on internationalization concepts. Authored an internationalization guide for other seller tool developers

Developed a stateful Perl/Mason presentation framework used by the Promotions Manager to manage wizard-based user tasks. The framework enabled flexible navigation through branching tasks and facilitated rapid development of new features.

WatchGuard Technologies

Senior Developer - Project Manager

August 2002 - July 2004

Managed development activities and implemented solutions for WatchGuard's *LiveSecurity Service*, an industry-leading software, support, and security intelligence service. Worked with product managers, designers and user experience specialists to design and implement new features. Wrote functional design, technical design, and test plan documentation.

Conducted analysis, design and development to integrate the Onyx Enterprise Server CRM system with LiveSecurity systems. Developed custom Onyx middle tier components using VB/COM+, XML, and SQL. Integrated legacy Web applications with Onyx middle tier.

Designed a Web publishing process to automate deployment of multilingual content. Worked with content creators to develop Unicode-based Web publishing tools. Automated the Web publishing process of WatchGuard firewall software updates.

Developed build tools using Perforce, Perl and Windows Script Host to automate domain data updates and facilitate conflict resolution in code branches.

Lead Web Developer

October 2001 - August 2002

Led the technical design, implementation and sustainment activities for WatchGuard's LiveSecurity Service. Managed project resources and development timelines.

Conducted data model analysis and design to integrate Microsoft Commerce Server with LiveSecurity systems. Designed and implemented an object-based ASP/VBScript client framework to simplify data distribution between systems.

Developed services exposed to WatchGuard firewall products to provide centralized license management features. Collaborated with product engineering staff to design APIs. Developed server components using C, VBScript, and SQL.

Web Developer

February 2000 - October 2001

Responsible for ongoing development and sustainment of Web-based applications. Technical contact for customer support team for LiveSecurity issues. Primary developer and administrator of a customized implementation of *BackWeb* content delivery server.

Designed and implemented a stateful, object-based ASP/VBScript client library to encapsulate enterprise data objects, providing a reusable framework for Web applications.

Developed and maintained *LiveAdmin*, a mission-critical intranet Web application for LiveSecurity administrative and support functions.

Developed custom BackWeb server components using Perl and SQL.

Engineering Administrator

March 1999 - February 2000

Provided administrative support for WatchGuard's Engineering and Product Management departments, the Chief Operations Officer and the Vice President of Engineering.

Managed an internal beta-testing program for a VPN product. Coordinated testing resources, collected test data, presented daily status reports and delivered feedback to engineers. Received the company's first "Engineering Impact Award" as a result of the program's success.

Produced and maintained intranet sites supporting Product Management and Engineering. Developed Web applications to automate functions of the Engineering Administrator role.

EDUCATION

Western Washington University

Masters of Science, Computer Science

Fall 2005 - present

Taking 14 undergraduate prerequisites through Summer 2006. Current GPA 4.0. Coursework includes:

Data Structures, Algorithm Analysis, Discrete Structures and Functional Programming, Formal Languages and Automata, Programming Languages, Operating Systems, Computer Organization and Assembly Language, UNIX Systems Programming, Windows Software Development.

New York University

Bachelor of Music

January 1999

Graduated cum laude. Awards include Outstanding Music Theory Student of the Year (May 1998), Founder's Day Award (April 1999), Dean's List.

RELEVANT PROJECTS

Developed *Speller Pages*, an open-source Web interface and JavaScript library for GNU Aspell, available in Perl/CGI and PHP. Over 12,000 downloads from sourceforge.net since 2004.

Authored *DHTML, Standards, and Browser Compatibility* appearing in *Software Developer's Journal*, August 2005 (7) 48-51.