DAVID SILBERMAN

(502) 930-2528 • musicdsign@win.net

Skills

LANGUAGES	PLATFORMS	APPLICATIONS	SKILLS
HTML, HTML5, XML, CSS, CSS3, ActionScript, ASP, ASP.net, C/C++, C#, T-SQL, SQL, PHP, jQuery, JavaScript, Java, Visual Basic, VBScript, SASS	Windows 7, Windows 10, IIS, Mac OS, UNIX, SQL Server	Visual Studio, Vue 7, Flash, Dreamweaver, Maya, Acrobat, Fireworks, Photoshop, Rational Application Developer, Eclipse, GXT, Illustrator, After Effects, QuarkXpress, 3D Studio Max, Premiere, Pro Tools, Google Analytics	Web development, programming, search engine optimization (SEO), project management, typesetting, graphic design, animation, digital audio, nonlinear digital video editing, proofreading, copy writing and editing, research and analysis

Summary

David is a meticulously creative IT professional specializing in developing pixel perfect user interfaces for public facing, multi-million dollar enterprises including Delta Airlines, Super ATV, Unites States Army, Xerox, Fastline Publications, and National Processing Company.

David is also a regular supporter of the non-profit organization, Sundays Love Music for Everyone, Inc., founded by internationally acclaimed concert pianist Nada Loutfi.

Specialties include: UI development, responsive web design, 2D/3D animation, digital audio creation, digital video editing, visual training aid authoring, copy writing/editing, and research and analysis. Additional skills include: team leadership, project management, and organizational guidance.

David also composes and arranges music for film and video professionally.

Experience

UI Developer | UI SME for US Department of the Treasury's OTCnet Application at Citi (Virtusa Polaris)
Citi
November 2016 – Present
New Castle, Delaware

Over the Counter (OTCnet) is the US Department of the Treasury's web application that lets federal agencies manage and report all check and cash deposits in one place.

In the capacity of a UI/UX developer, created wireframes and working models for a prototype of new responsive design financial application, utilizing Photoshop, Eclipse, Brackets HTML editor, HTML5, CSS3, and jQuery.

As a UI Developer, assisted in the transitioning of Java applet-based components to components built from modern JavaScript, CSS and HTML. Tools/technologies utilized to perform this task included Eclipse, WebLogic Server, Java Server Faces (JSF), and CSS.

Assisted in developing a proof of concept for a complete UI redesign of OTCnet, utilizing cutting edge technologies such as Angular 4, Ionic 3, and Foundation 6, with the major contribution to this effort consisting of the main menu UI and all its necessary components. Also formulated an estimation for the level of effort necessary to accomplish this task.

UI Developer | UI Developer for Virgin Atlantic Enterprise Application at Delta Airlines (TCS)

Delta Airlines
May 2015 – June 2016
Atlanta, Georgia

Working with an agile team of offshore and in-house Java developers, assisted with converting front end UI design specifications into a working airline shopping cart, utilizing Ractive.js templating techniques to populate dynamic fields with data returned in JSON format.

Assisted lead UI/UX Developer by acting in the capacity of Project Coordinator to lead team of three to four offshore developers and one onshore developer in the construction of UI components to be delivered to a team of AEM (Adobe Experience Manager) developers.

Responsibilities included initiating conference calls/webex meetings, participating in code reviews, checking over deliverables from each team (making adjustments as needed), and assisting AEM team by ensuring deliverables matched design specifications during the integration process.

Skills required to perform these tasks included a significant knowledge of HTML, CSS, JavaScript and jQuery, the ability to think creatively in resolving technically based issues involving the translation of UI designs into working models, a familiarity with content management systems, an extensive knowledge of responsive web design (RWD) and how to make the best use of media queries using a grid based approach, programming experience with Java (specifically JSP), and practical experience using SASS for compiling CSS stylesheets.

UI Developer | U. S. Army Soldier for Life Transition Assistance Program at SAIC (Tek Systems)

United States Army
September 2014 – February 2015
Fort Knox, Kentucky

Utilizing JavaScript/jQuery and CSS3 media queries, created responsive prototype for the Army's new Soldier for Life Transition Assistance Program to help spearhead new branding effort.

Assisted in ensuring that first phase of new branding mandate adhered to corporate policies and guidelines.

Assumed role of SME for 508 Compliance and consulted with target audience to identify users' needs, as to formulate an accessible UI design and to ensure a pleasing UX via usability testing. Evaluated closed captions in videos and made recommendations to ensure compliance with Section 508 mandates.

Proofread and edited style guide for marketing department, making changes and additions as necessary.

UI Developer | Web Content and Prototype Development at Super ATV (Robert Half Technology)

SuperATV
February 2014 – August 2014
Madison, Indiana

Created wireframe mockups for new home page (collaborating with staff and project managers to ensure concept met company objectives) and converted accepted model to HTML using CSS and existing JavaScript code.

Developed several prototypes (wireframes) and iterations for new proposed parts web site.
Assisted in creating a SQL query that generated a Profit/Loss sales report to visually compare current data to same period in prior year.

Authored new content to improve SEO rankings for product category pages, adding videos and links to operator manuals as necessary (i.e. www.superatv.com/RZR-C527.aspx).

BA | File Validation for Supplementary Insurance Products at Humana (Pharmaceutical Strategies)
Humana
October 2013 – January 2014
Louisville, Kentucky

Created VBA form application to enable users to visually see changes in fields between two open spreadsheets.

Assisted in setting up new users in ClickEnroll database, powered by Selerix, and developed visual user guide to illustrate the process.

Analyzed data from two different databases to define common fields, and wrote VBA sub procedure to automate the comparison process.

Initiated emails to Project and Account Installation Managers to confirm receipt of files from vendors ending group enrollment period, and logged responses in report.

Trained on using special file validation tools necessary to verify group enrollment applications for supplementary insurance products.

UI Developer | Court Administration Scheduling and Jury Duty Selection at ACS (Randstad)
ACS, a Xerox Company
October 2011 – January 2013
Lexington, Kentucky

By incorporating CSS, AJAX and jQuery, developed new pages from use case requirements for existing application targeting the justice system. Also implemented a solution for modifying Sencha GXT color scheme through analysis of Java code.

Using jQuery, JSON, CSS, and Photoshop, developed workflow simulations for new enhancements to the AgileJury product line, illustrating the functionality of new UI requirements pending approval for production.
http://www.omnigrafx.com/samples/agileJury/25_PanelsPg1.htm

Developed mockups and conceptualized front-end UI/UX design for vertical market web portal by developing cross-browser compatible web pages.

Developed a master web configuration tool, which was to allow prospective customers to select custom colors for their web site.
http://www.omnigrafx.com/samples/MasterConfig.htm

Worked with Project Manager to ensure design met standards and expectations as outlined in Functional Analysis Design Documents (FADDs).

Troubleshot and resolved issues as encountered, documented procedures to be referenced for reuse as needed, and recommended best solutions to satisfy requirements.

Web development tools used were Dreamweaver, Photoshop, JetSpeed, and Eclipse, utilizing HTML, CSS, JavaScript, and jQuery.

UI Developer | Agriculture | Advertising | UI and Software Development at Fastline Publications
Fastline Publications
October 2006 – June 2011
Louisville, Kentucky Area

Technical support to customer web design/banner advertising specialist, maintenance of Fastline's ancillary web sites and web pages (i.e. Green Acres, Medical Equipment Locator, Parts Dealers page, etc.), custom web site development for Fastline's customers, web template design and development, and custom banner development in a variety of formats (dynamic expanding, static, animated, etc.).

Using primarily Visual Studio, developed new UIs in classic ASP, and also ASP.net with C# for form validation and data collection.

Utilizing ASP, developed IT Request form and Change Request form for Tech Support that included the UI and programming necessary for collecting user requests, processing information from one page to another, and filtering to facilitate requests to be emailed to appropriate department(s) and personnel.

Created entire selection of customer web templates (customer.fastline.com/templates) with Flash/ActionScript, HTML, CSS and jQuery.

Developed banner advertising specifications page (www.fastline.com/v100/bannersamples) for www.fastline.com, including sample ads featuring static, animated and expanding banners.

Strategic Consultant | UI and Software Development at Omni GraFX
Omni GraFX
February 2002 – September 2006
Louisville, Kentucky Area

Provided professional website solutions for both commercial and non-profit organizations. Services included programming, design consultation, digital photography, graphics, and typesetting. Responsible for managing all business operations, employees/contractors, scheduling, and tracking of projects from start to finish.

Utilizing ASP, designed and reengineered new UI/UX for boat search engine for Kentucky Yacht Sales (www.kys.com). New interface allowed users to select from many new options with unlimited price ranges. The drop down menu, displaying all available boats for sale in the database, was populated dynamically by ADO.

For Mortgage First (www.davidsilberman.com/samples/loanApplication.php), utilized PHP in a loan application form that collected and sent submitted data via SSL to targeted sales office and personnel. Resolved security issue by preventing individuals from indiscriminately submitting the form through the location bar, thereby by-passing client side validation. By initially setting a hidden form element to false, and changing its value to true only when the submit button is clicked, the PHP processing script could determine whether to process the application, or redirect the user to the home page.

For Rawlings Creative, developed new functionality with ASP.net that permitted customers to upload files to the server and notified the webmaster via email the time, date and names of files sent.

For Brecher's Lighting web site, utilizing ASP, added new functionality to contact page, so that information collected was directly written to an Access database and made viewable by administrative staff .

For Scent of Kentucky, assisted in setting up eCommerce page so that it connects to PayPal. Also developed JavaScript function that subtotals selections prior to adding them to shopping cart.

DEVELOPER | CREDIT CARD PROCESSING | UI AND SOFTWARE DEVELOPMENT AT NPC
National Processing Company
October 2000 – January 2002
Louisville, Kentucky

Solely responsible for NPC's Commission Express custom reporting intranet web site, PortNPC, an 80 gigabyte SQL Server database drawing from 18 months of data, providing custom reporting and queries for over 120,000 travel agents worldwide, to which NPC made $14,000,000 in gross weekly payments. For PortNPC, developed new UIs (gathered requirements, designed—both front and back end, coded, tested, debugged, documented, and implemented), daily troubleshot web-related or database problems, and submitted new project proposal estimates.

Developed new home page UI/UX for PortNPC with Visual InterDev 6.0, Photoshop, Fireworks and Flash.

For PortNPC's new Agent's Choice Program, utilized ASP, VBScript, JavaScript, SQL, HTML and a stored procedure to develop a new UI, which allowed travel agents to view the number of days until their free trial is up, and enabling them to change their enrollment after the free trial expired. Their selection automatically updated the database, eliminating the need for administrative involvement.

For the Agent's Choice Program, created four random, animated banner ads in Fireworks and ImageReady to encourage users on the basic plan to upgrade to the advanced reporting program.

Analyzed and visually documented the hierarchical structure of PortNPC in Microsoft Visio in order to streamline future design projects.

Compiled HTML style guides for both PortNPC and AcceleratedPAY web sites to facilitate the creation of NPC corporate web standards.

Created mockups to conceptualize the UX, along with the graphic design, branding, and corporate identity, for new web-based, healthcare-related product line, AcceleratedPAY.

For the AcceleratedPAY product, developed a class structure in C/C++ for an ACH record.

Selected as part of the Commission Express team as a recipient of the prestigious 2000 NPC President's Award and local winner of the NCC Excel Award.

Owner/Director
Music By Design, Inc.
Since August 1991
Louisville, Kentucky Area

As president of my own privately held corporation, Music By Design, Inc., I have assumed the role of project leader and editor for hundreds of commercial music publications, from college texts and method books to concert band and orchestral scores. In 1996, one of these publications, a folio entitled "Q's Jook Joint," by Quincy Jones, which I engraved for Warner Bros. Publications, was awarded the 1996 First Prize recipient of the distinguished Music Publishers' Association PAUL REVERE AWARDS for Graphic Excellence in the category of Folios (Popular editions). In addition, my experience as a film composer and orchestra/band director brings drama to life in videos and motion pictures I score. Equipped with the latest production tools, I have the ability to add a rich, new dimension to my projects, thereby ensuring a pleasant experience for the viewer.

Web Site: www.soundsonfilm.com

Education

JEFFERSON COMMUNITY COLLEGE
Programming and Visual Arts
2006 – 2009
Coursework in Java Programming, Maya (Animation and Modeling Techniques), and SQL Programming

IVY TECH COMMUNITY COLLEGE-SOUTHEAST
Programming and Visual Communications
2000 – 2002
Coursework in C/C++ and Visual Basic Programming, Flash and Digital Compositing (After Effects)

UNIVERSITY OF LOUISVILLE
HTML for the World Wide Web
1998 – 1999
Applied instruction in HTML for the World Wide Web

Louisville Technical Institute
Design and Visual Communications
1997 – 1998
Coursework in Digital Imaging (Photoshop), 3D Animation Techniques (3D Studio Max) and Multimedia Presentation (Director/Premiere)

UNIVERSITY OF LOUISVILLE
BM, MM, Music Theory and Composition
1974 – 1979

Portfolio

Online Portfolio:
www.davidsilberman.com
www.soundsonfilm.com
customer.fastline.com/templates
www.fastline.com/v100/bannersamples
www.theterryporteragency.com
www.brooksbaptist.com/
www.amysband.com
www.louisvillehorsetrams.com/
www.omnigrafx.com/flashvideo/drill-downtill.asp
www.omnigrafx.com/samples/MasterConfig.htm
www.omnigrafx.com/samples/GreenAcres/
www.davidsilberman.com/samples/index.php
www.davidsilberman.com/samples/loanApplication.php