

DAVID SILBERMAN

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Skills

LANGUAGES	UI FRAMEWORKS	APPLICATIONS	SKILLS
HTML, HTML5, XML, CSS, Java, SASS, CSS3, ActionScript, ASP, ASP.net, C/C++, C#, PHP, T-SQL, SQL, JavaScript, Visual Basic, VBScript, Pine Script for TradingView, MQL4 for MetaTrader 4	Ractive, jQuery, JavaFX, Foundation 6, Bootstrap 4, React, Angular 2, 4, 8, and 11, Ionic 3, Node 12	Visual Studio Code, Vue 7 Virtual Environment Generator, Flash, Dreamweaver, Maya, Acrobat, Fireworks, Photoshop, IntelliJ, Eclipse, Illustrator, After Effects, QuarkXpress, 3D Studio Max, Premiere, Pro Tools, Google Analytics, InVision Studio and exposure to Axure and Sketch	Web development, programming, custom indicators and EAs for algorithmic trading and technical analysis, SEO, typesetting, 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 Verizon, Citi, Delta Airlines, Super ATV, Humana, U.S. Army, Xerox, Fastline Publications, and NPC.

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/UX responsive web design, prototyping (in React or Angular), custom indicators and EAs for algorithmic trading and technical analysis in financial markets, 2D/3D animation, digital audio creation, digital video editing, visual training aids, 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/UX Developer for Verizon Intelligent Edge Network (IEN) Verizon (Infinite Computer Solutions)

December 2019 – June 2020
Tampa, Florida

As a UI/UX Developer, in a strict agile environment (SAFe), collaborated on code hosted in GitLab with two teams of developers supporting Verizon's IEN Planning, IEN Migration, and Capacity Planning web portals.

- Utilizing Visual Studio Code and InVision, assisted in identifying and fixing numerous UI-related issues and creating workflows to visualize planned upgrades to the Capacity and Seeding modules.
- For the E-Line Migration team, created a wireframe visualization of a new workflow for the landing page in InVision, and developed a prototype utilizing Verizon's RF-Canvas JavaScript framework (available for React or Angular) in the most current version of React.

UI/UX Designer/Developer

Virtusa

October 2016 – November 2019

a. As a consultant for Rippe & Kingston in Cincinnati, OH, using InVision Studio, created high fidelity, interactive prototypes to showcase new look and feel for legal accounting software site. Through an iterative process, applied new design to 16 archetypes and assisted in providing a style guide and assets for the developers.

b. Consultant at Citi in New Castle, Delaware for the U.S. Department of the Treasury's web application *Over the Counter* (OTCnet) that enables federal agencies to 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.
- Responsible for converting UI of outdated desktop Java Swing application to modern JavaFX user interface.
- As a UI Developer, assisted in the transitioning of Java applet-based components to components built from modern JavaScript, CSS and HTML. Tools/technologies used included Eclipse, WebLogic Server, Java Server Faces (JSF), CSS, and BitBucket version control.
- 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 created an LOE estimation.
- Responsible for bi-weekly run of IBM AppScan on OTCnet, analysis of scan, and compiling/preparing report for Booz/Allen/Hamilton requirements team. Also prepared training material to instruct and mentor junior team members on how to run the scan and report.

UI Software Developer for VINE

Appriss

July 2016 – September 2016

Louisville, Kentucky

- As part of an agile team of software developers, assisted in developing the user interface for a new upgrade to VINE, the nation's number one victim notification network.
- Software development tools and technologies used were IntelliJ, Angular 2 release candidate, HTML/CSS, Git, Jira and Confluence.

UI Developer for Virgin Atlantic Enterprise Application

Delta Airlines (TCS)

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.

Strategic Consultant | UI Software Developer ***Omni GraFX (self-employed business between projects)***

February 2002 – Present

- Created entire web sites from start to finish (including UI/UX design elements) for www.soundsonfilm.com (React), www.amysband.com (React), and www.clairehutchinson.net (React and Angular 8 versions). See <http://davidsilberman.com> for more.
- 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 re-engineered 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.

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

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 ***Super ATV (Robert Half Technology)***

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.

BA for Humana Supplementary Insurance Products

Humana (Pharmaceutical Strategies)

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 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 for ACS Court Administration Scheduling and Jury Duty Selection

ACS, a Xerox Company (Randstad)

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.davidsilberman.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.davidsilberman.com/samples/MasterConfig.htm>
- Worked with Project Manager to ensure design met standards and expectations as outlined in Functional Analysis Design Documents (FADDs).
- Troubleshoot 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 Software Developer for Agricultural-Related Advertising

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 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.

UI and Software Developer for NPC Credit Card Processing

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 troubleshoot 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.

August 1991 – December 2018

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

<http://davidsilberman.com> (Online portfolio)

www.soundsonfilm.com (Personal website)

<https://github.com/musicdesign> (Github profile)

Additional Links

InVision Project. Having been provided the initial concept from another source, applied the design to this high fidelity prototype, adding interactive elements between pages, including a fly out menu and additional links specifically requested by the client.

<https://projects.invisionapp.com/prototype/Rippe-Design-Part2-ck0hhuhkm000is6016cteid5t/play/5cae4111>

HTML/CSS version of the My Clients page from the project above.

<http://www.davidsilberman.com/samples/rippe/myclients.html>

Sample Persona

<http://www.davidsilberman.com/samples/personas/index.html>

Prototype of Kiosk created while at Citi. The password is (case sensitive): ForYourEyesOnly

http://davidsilberman.com/?page_id=1265

Example of a project while at ACS, featuring a simulated workflow that appeared to be interacting with a database. No design here, just a demonstration of the workflow.

http://www.davidsilberman.com/samples/agileJury/25_PanelsPg1.htm

Prototype of a landing page for a legal application designed while at ACS.

<http://www.davidsilberman.com/samples/iSuite/>

Created this master web configuration tool at ACS, which allows customers to customize their site's color scheme.

<http://www.davidsilberman.com/samples/MasterConfig.htm>

References

Manager at Verizon Nitin Punnakkathara nitin.manohar@verizon.com (214) 335-6533	Manager at Citi Rajesh Pendse (302) 897-6416
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