

Warner B Scheyer

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Software and creative professional with over 30 years of software industry experience, including roles as CTO, director, individual contributor, manager, account representative and expert witness. Expertise in technologies and programming languages in a variety of professional environments. Talented leader that can collaborate in ways that motivate and bring out the best in team members. Experience producing quality software products within budget and on schedule. Notably strong analytical capabilities with excellent written and verbal communication skills.

CTO ♦ Director ♦ Technical Sales ♦ Account Management ♦ Creative Management ♦ Expert Witness
Business Analyst ♦ Solution Design ♦ Team Leader ♦ Musician

Board Member

Samaya Foundation (NYC, NY) *Educational and Cultural Organization*
The Berghaus (Seattle, WA), *Cooperative Ski Club*
Pioneer Park Protective Association (Langley, WA), *Nonprofit Corporation*

PROFESSIONAL EXPERIENCE

Sound Design & Development, Principal

Present

As a professional, it is my goal to make sure the work we do is high quality and designed to specification as well as provides a value that matches the client investment. My role has ranged from individual contributor to end-to-end solution, including writing specifications, identifying deliverables, and estimating costs, scheduling project timelines, providing creative and technical design, implementing development, overseeing QA and installation, hosting client meetings, building teams and managing sub-contractors.

See the Selected Project Summary below.

Technologies: ASP.NET, C#, Unity, WPF, MVC, MVVM, AJAX, JavaScript, Node.js, Vue.js, SQL, C, C++, MFC, Java, Azure, LINQ, Entity Framework, JavaScript, Microsoft SQL Server, Reporting Services.

Selected clients: Microsoft, Gates Foundation, Richard Lewis Media Group, Weatherhead Studios, CRÉO Industrial Arts, Red Card Studios, Global Technica, PBJS, CCT Group, Samaya Foundation

Expert Witness Consulting

2016 - Present

Software, database, and system analysis for high profile litigation. Including patent, trademark, copyright infringement and trade secret misappropriation cases for plaintiffs and defendants. UI, code and database comparisons, analysis. Claim construction and expert report writing. See the Litigation Support Experience section below for selected cases.

Practicing Musician (Seattle, WA)

2021

Online K-12 Music Education

Role: Acting CTO in a startup

<https://www.practicingmusician.com/>

Empower and collaborate with music educators to create a free world-class music education that meets the needs of all K-12 students.

CREO Industrial Arts (WOODINVILLE, WA)**2019-2020***Custom Fabrication for the Built Environment***Role:** AV Systems Engineer

Overseeing the media, audio, and visual production process. Supporting and advising sales teams. research, recommend and implement new technologies. Design and build software and electromechanical systems.

Samaya Foundation (NYC, NY)**Present***Educational and Cultural Organization*

Technology and Creative Lead, Board Member – Host and liaison for the 13th Dalai Lama as he visited the United States to promote the arts and civil rights in Tibet. Assisted with the education and preservation of Tibetan culture in the United States including the art of mandala sand painting, thangka painting, music and performance, archiving and digitizing.

Knowledge Anywhere, (Bellevue WA)**2001 - 2010***Custom eLearning Solutions*

Director of Development

Under my leadership, the development/production team more than doubled in size and includes additional full-time resources, an extensive network of contractors, as well as satellite offices in Minneapolis, Mexico, and Uruguay.

Role and responsibilities: Day-to-day development responsibilities include managing a team of full-time and contract software developers, IT, graphics resources, and QA professionals. Other responsibilities include acting as senior developer, mentor, sales consultant, project manager, account manager, and solution architect.

Technologies: This job requires a broad knowledge of various technologies to develop custom eLearning software, LMS (learning management systems), related support services, and SCORM-compliant courses to deliver content and a rich user experience. Technologies include: MSSQL 2000, 2005 and 2008, ASP, ASP.NET, C#, JavaScript, XML, XHTML, Expression Studio, Silverlight, Adobe Creative Suite CS3 & CS4, Photoshop, Flash, ActionScript 2.0 & 3.0, Flex, Web Services, SCORM, MSCOM, Windows Mobile, Mobile Podcasting.

Selected clients: Siemens Healthcare Diagnostics, Cobalt Group, F5 Networks, Hewlett Packard, Microsoft, Palm, T-Mobile, EJ Gallo, Starbucks Corporation, Chateau Ste. Michelle Wine Estates

KNOWware, LLC. (Seattle, WA)**1999 - 2000***Software Development*

Sr. Developer

Role and responsibilities: Development lead for Intranet and desktop, database, business applications and tools

Technologies: C++, Java, Visual Basic, HTML, and JavaScript

Wall Data, Inc. (Seattle, WA)**1994 - 1997***Software Products and Tools*

Product Developer

Role and responsibilities: Member of the RUMBA and SALSA development teams to design and implement a lightweight Micro MFC; application generation.

Technologies: Windows CE, C++, MFC and the Windows API

Awards: Lead development team for the multimedia interactive SALSA Learning Studio, which received an Excellence Award at the STC 22nd Annual Competition

EDUCATION

University of Washington
B.S. Mechanical Engineering

Concentration in Software Engineering, scientific and interactive computer graphics programming. Attended the graduate Ethnomusicology program.

Selected Project Summary

Richard Lewis Media Group. – *Moonshot, Sailing and WWI Museums*, System Architect and Technologist, designed and implemented custom client server, messaging, CMS and multimedia systems for museum exhibits. .NET and Unity.

WEATHERHEAD Experience Design Group Inc. – *Pacific Fleet Submarine Museum*, System Architecture and Development Director, CMS driven museum exhibits. Honolulu, HI

CRĒO Industrial Arts – *US Olympic Museum*, Development oversight for exhibits, liaison for multinational software production team. Colorado Springs, CO

Chicago History Museum – *Amplified Chicago Blues* (<https://www.chicagohistory.org/blues>) SQL, ASP.NET, C#, WPF. Database, data access tier, administration application and interactive exhibits. Learn to play the blues guitar and create your own album cover.

CRĒO Industrial Arts – *Powering Future Learning Lab* interactives, Tablet and Arduino development for kiosks and a voting booth. C programming in conjunction with NeoSegments and NeoPixels. America's Car Museum, Tacoma, WA

Museum of History & Industry – *Restaurant Time Machine* (<http://www.mohai.org/>) **Touch** screen exhibit interactive. SQL, ASP.NET, C#, WPF. Database, data access tier, administration application.

BiNW – *Catalyst Loft* (<http://catalystactivation.com/the-loft/>), located in One Convention Place, used to showcase their expertise in creating spaces that improve efficiency and increase teamwork, or enhance the ability to recruit and retain talented staff. Provided Audio / Visual Hardware and Software Architecture and Development.

WEATHERHEAD Experience Design Group Inc. – *Seattle Children's Research Discovery Portal* (<http://www.seattlechildrens.org/research/discovery-portal/>), SQL, ASP.NET, C#, WPF. Database, data access tier, administration application and interactive exhibits.

WEATHERHEAD Experience Design Group Inc. - *Chicago History Museum* (<http://www.chicagohistory.org/>) SQL, ASP.NET, C#, WPF. Database, data access tier, administration application and interactive exhibit.

WEATHERHEAD Experience Design Group Inc. - *Museum of History & Industry* (<http://www.mohai.org/>) SQL, ASP.NET, C#, WPF. Database, data access tier, administration application and interactive exhibits.

Microsoft, *Bing in the Classroom*. ASP.NET, C#, SQL, Azure (<https://www.bing.com/classroom/summerstorychallenge>) I worked to create an online web application that acted as the program hub for teacher resources as well as student submissions for the Summer Story Challenge contest.

Microsoft - *Employee Company Store*. ASP.NET, C#, WPF, Administrative tool to manage store content displayed on their single and multi-monitor display systems. Entryway sculpture which allowed users to interact with the display via a mounted camera.

Gates Foundation - ASP.NET, C#, WPF, MVVM, SQL, Facebook and Twitter Platform

Seattle Center - *Space Needle 50th* (<http://spaceneedle50.com/>), ASP.NET, CSS, CMS. Developed CMS system, and UI development.

Microsoft Bill Gates Yearbook - Silverlight, MSSQL, LINQ, JavaScript

Litigation Support Experience

2023 – Multimedia Technologies International v. LG, Multimedia Technologies International v. Vizio, Multimedia Technologies International v. Samsung – Stroock & Stroock & Lavan LLP, representing Multimedia Technologies, Patent case involving Smart TV user interfaces.

2022 – MULTIFOLD INTERNATIONAL v. SAMSUNG ELECTRONICS CO., LTD – Stroock & Stroock & Lavan LLP, representing Multifold Patent infringement case. Performed a review of the Samsung Android code base to support UI and functionality trade secret infringement.

2022 – HIGHLANDS GLEN, LLC v. SAVIBANK – Demco Law Firm, P.S., representing Highlands Glen. Performed an analysis of Microsoft Office meta data and did research on the procedure used to track the history of an Excel document. Provided an expert report.

2021 – UNITED STATES OF AMERICA v. Davis Lu – Friedman & Nemecek, L.L.C. representing Davis Lu. Testifying expert for Criminal case that includes an analysis of evidence including system and version control logs and Java code to determine the cause of a customer facing system outage.

2019 – Saracen v. Sylvain Ross – Norton Rose Fulbright representing Saracen LLC. Misappropriation of Trade Secrets case. Assisted in compilation of Saracen trade secret definition. Analysis of UI, code base and database to determine similarities between a competing product utilized by traders at Saracen for speculative trading of power prices. Required a clear understanding of how complex electric power transmission and flow functions and how it is monitored.

2018 – Barbaro v. Niantic – DUNLAP CODDING PC representing Barbaro. Patent infringement case. Helped with drafting claim construction, review of the Niantic code base to support UI and functionality trade secret infringement. Compilation of the evidence and analysis and production of the expert report.

2018 – Prostar v. Dominos – Ogloze Fortney LLP representing Prostar Wireless Group, LLC. Misappropriation of Trade Secrets. Assisted with the definition of Prostar's trade secrets. Analysis of Prostar and the defendants code bases to determine similarities supporting misappropriation. Analysis of code base and compilation of expert report.

2018 – Omnitrac v. Blue Dot – Norton Rose Fulbright US LLP. Representing Omnitrac. Misappropriation of Trade Secrets. Software architecture copying. Analysis of code base and compilation of expert report.

2018 – Title Source v. House Canary – Greenberg Traurig, LLP representing Title Source. Software development failure. Analysis of entire code base over the project lifecycle to determine when features were delivered and quality of product. Assisted with compiling of an expert report.

2017 – Colliers v. Rotter – Davis Wright Tremaine LLP representing Colliers. Misappropriation of trade secrets. Analysis of Excel macros and reporting of results.

2016 – Macklin v. Liquid Dynamics – Hinkle Law Firm representing Macklin. Trade secret regarding interface design issues for automotive repair software. Architecture and code analysis and comparisons.