

Gregory B. Searle

greg_searle@hotmail.com • www.gregsearle.com

Summary

I am a computer software developer with experience in computer programming, web page design, user interface design, graphics, multimedia, Internet application development, hardware installation and configuration, and video. This unique set of skills provides a rare combination of technical know-how and aesthetic sense. My broad range of experience also facilitates quick adaptation to change and swift acquisition of new abilities. For a complete list of acquired knowledge, please see the Technical Toolbox inset. Examples of work are available on my web site at www.gregsearle.com

Outstanding Qualities: Professional, Strong Work Ethic, Reliable and On Time, High Integrity and Loyalty, Ready and Eager to Learn, Inventive Problem Solving, Multitasks and Flexible, Able to Reprioritize Tasks as Needed.

Professional Experience

- **SigmaSecurity, Inc.** December 2002 – April 2003
Software Engineer/Graphic Design (Contract)
Design and implement user interface improvements for web application.
Leverage open source software to address various engineering requirements.
Research and develop quality assurance test automation software.
Developed manufacturing disc to automate system image installation.
Update and maintain corporate web site and marketing documents.
Graphic design including new corporate logo.
- **S1 Corporation** January 2001 – November 2002
Software Engineer III (Layoff)
User Interface Developer
Develop and maintain the user interface for Internet insurance product.
Build templates based upon Java Server Pages (JSP).
Build HTML templates for Forte server.
Develop JavaScript code to support web pages.
Maintain internal project documentation to support UI development.
- **QuickBuy, Inc.** April 1998 - December 2000
Senior Software Developer (Closed)
Graphic Design, User Interface
Development of an Internet shopping cart based upon QuickBuy's patented drag-and-drop "Buycon" (product images with data) technology.
Awarded two patents through the Company related to "VLO" (smart image) technology.
Designed user interfaces and served as a knowledge and technical resource for UI issues.
Provided in-house imaging services for web site, product interface, and print material.
Developed a system for embedding application "skins" into the "VLO" file format.
Set up internal streaming media pilot servers and demonstration sites.
Integrated "Buycon" technology into existing streaming media Internet sites.

Technical Toolbox

Internet

Web Page Design, CGI, HTML, JSP, ASP, JavaScript, CSS, Flash, Databases, Servers, HTTP and Internet Protocols, Graphic Design, Image Optimization, GIF Animation, Streaming Media

Programming

UI Design, Java, Visual Basic, C, Pascal, Asymetrix Toolbook, Fortran, Assembly, Machine Code, Version Control Systems

Scripting

JavaScript, VB Script, Perl, AppleScript, Batch Scripts

Database

Relational Database, FileMaker Pro

Office Applications

Excel, Word, PowerPoint, Outlook

Design

Image Processing, Web Graphics, PhotoShop, Corel Draw, Illustrator, 3D Studio, Quark

Streaming Media

Windows Media, Real Media, SMIL, ShoutCast, Internet Servers, Media Cleaner Pro, Media Compression.

Video

Premiere, Avid Media Composer, 3D Rendering, Computer Animation, NTSC Video Technology and Equipment, Video and Audio Compression

Platforms

MS-DOS, Windows, Linux, Macintosh,

Technical

PC and Mac Hardware, Diagnostic Software, Diagnostic Hardware, Video, Networking Equipment and Protocols, Barcode Automation

Real Skills • Real Experience

- Avid Technology
Test Technician
 Built and maintained department relational databases and reports.
 Automated test procedures through database scripts, diagnostic scripts, bar coding, and web interface.
 Built, created, and maintained department web server and web site.
 Created fully automated department e-commerce web site and backend for reselling hardware to employees.
 Linked databases, web site, and diagnostics together to improve the department's capabilities and efficiency.
 Linked the department's automated systems into the corporate enterprise-management system (SAP).
 Tested hardware for proprietary video-editing systems and dispositioned for repair or for reuse in product.

1996-1998
- Innovations Unlimited
Application Developer and Graphic Design
 Develop a prototype for a multimedia game title.

1994-1996
- DEOS, Inc.
Application Developer
 Port a system for creating personalized animated videotapes from MS-DOS to Windows 3.1.
 Install hardware and ship orders for this system.
 Provide technical support for customers who use this system.

1993-1994
- Visioneering, Inc.
Graphic Design, Application Development, Hardware Installation and Maintenance
 Install custom PC hardware multimedia solutions for customers.
 Create custom multimedia software and graphics for customer contracts.

1990-1993
- Lowell Cable, Co.
Graphic Design, Application Development, Hardware installation and maintenance
 Install and maintain Amiga video graphics system.
 Create graphics on demand for local news program.
 Develop a tabulation application to display live election results.

By Contract, 1987-1995
- University of Lowell Computer Science
Graphic Design, Application Development
 Create multimedia presentations for trade shows and other events.
 Provide illustrations for technical papers and documentation.

1987-1991,1995

Education

University of Lowell (Now U-Mass), BFA in Fine Arts (Computer Graphics Emphasis), Graduated 1991.

Rensselaer Polytechnic Institute, Computer Science.

Thayer Academy, Braintree, MA, Graduated with Honors and Distinguished Service Award.
