

Objective

To use my experience in web technologies and knowledge of parallel processing in a software engineering position that will enable me to use and expand my programming abilities.

Technical skills

Languages

- Proficient in: Java, JavaScript, HTML, XML, CSS, ActionScript, Visual Basic, OpenCL
- Familiar with: C#, C/C++, SQL

Software & Technologies

- Platforms: Microsoft Windows, Linux
- Database: MySQL, Microsoft SQL Server
- Servers: IIS, Apache
- Development Tools: Visual Studio, Eclipse IDE, Dreamweaver, Flash
- Other: Adobe CS Suite, ASP.NET

Education

San Jose State University, San Jose, CA

Graduated Fall 2011

- B.S., Software Engineering
- Jointly offered by the Computer Science and Computer Engineering Departments
- Major GPA: 3.14
- Senior Project
 - Developed a parallelized ray tracing program utilizing Graphical Processing Units (GPU) many-processors architecture and the OpenCL framework
 - Developed using Visual Studio, C/C++, AMD APP (FireStream)
 - Completed a comparative study of performance between single core CPUs, multi-core CPUs and many core GPUs
- Areas Studied
 - Networking
 - Information security
 - Mobile software
 - Software development and testing
 - Web server technology
 - Parallel processing
 - GPGPU programming using OpenCL
 - Engineering methods in software design

San Francisco State University, San Francisco, CA

Graduated Spring 1993

- B.A., Fine Art / Photography

Experience

Owner, Web Developer

2003 – 2007

ArtActiveOnline, San Carlos, CA

User-maintained, data-driven, web-based artist portfolio

- Built and maintained website (ASP, Flash, JavaScript, CSS, MS Access)
 - Implemented image uploading utility (Visual Basic, ASP Components)
 - Created user-managed contact list utility (JavaScript, MS Access, ASP)
 - Implemented site-user email functionality (Visual Basic, ASP Components)
 - Designed user-profile information web-tools (CSS, JavaScript)
 - Created an artist forum (JavaScript, MS Access, ASP)
 - Created an artist event calendar (Visual Basic, JavaScript, MS Access, ASP)
- Developed direct marketing campaign
- Edited and produced website content
- Provided support for members
- Developed UI and site graphics (Adobe CS)

IT Manager

2001-2003

Symonds Art Group, Los Altos, CA

Collection of fine art galleries

- Aided in operational transition to new owner
- Set up and maintained NT4 server and network
- Deployed picture framing business application
- Consulted in picture framing and gallery operations
- Developed art inventory application (FileMaker, MS Access)
- Created print ads and direct marketing mailings (Adobe CS)

Owner, Operations Manager

1995-2001

Sharon Park Gallery, Menlo Park, CA

Fine art gallery and picture framing service

- Developed and maintained gallery web site (HTML, CSS, Flash, Visual Basic, JavaScript, MS Access, ASP)
- Developed point of sale, picture framing, customer tracking, and art inventory application (FileMaker, MS Access)
- Decreased bookkeeping and tax preparation expense by deploying a computerized invoicing system (MYOB)
- Decreased direct mailing advertising expenses by bringing the mail list maintenance and mailing design in house (FileMaker, MS Access)
- Budgeted and executed gallery art shows and receptions
- Managed picture framing operation