

Derek Simeone

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OBJECTIVE

To apply and expand current working knowledge of numerous programming languages and techniques in a progressive environment. Accent placed upon using current programming experience in order to create viable, usable and meaningful resources.

WORK EXPERIENCE

Software engineer | ALK Technologies, Inc.

January 2008 — Present

- Technical lead for continued development and maintenance of proprietary platform-independent, C++ based UI toolkit. Acted as intermediary between design and development teams in order to ensure GUI requirements were met on both ends.
- Worked with various development teams to create platform specific GUIs and application specific backend code simultaneously for numerous and highly diverse platforms including Apple iPhone OS, Google Android, Symbian OS, Windows CE, Windows Mobile and Win32.

Programmer/analyst | ALK Technologies, Inc.

June 2006 — January 2008

- Worked closely with a team of graphic designers to architect and build a complete and extensible multi-threaded, platform-independent UI toolkit in C++. Introduced accessible, highly functional APIs allowing internal and external design teams to create complete cross-platform GUIs with minimal aide from developers, reducing unnecessary cross-department dependencies and redundant workloads.
- Maintained advanced, platform-independent graphics engine written in C++. Expanded capabilities to include physics-based animations, dynamic shape drawing, and standards-based font/text rendering. Results led to a dynamic, high performance library with minimal requirements.

Freelance XPI developer

2004 — Present

- Developed AJAX browser based extensions for community driven websites allowing for simple and continual connection between content providers and end-users.

Freelance web developer

2002 — Present

- Partnered with a designer to complete various client-driven web based projects with emphasis on tight, iterative timelines and easily transferable source.
- Utilized knowledge of HTML, CSS, JavaScript, and PHP to directly provide clients with the ability to construct and enhance their online elements.

Message Network Administrator | deviantART, Inc.

2005 — 2007

- Maintained community-based web content and security for Community Development Division.
- Wrote scripts and browser-based applications to automate processes.

SKILLS

Programming Languages

Extensive experience with/knowledge of: C, C++, Objective C, Java, Ruby, Batch Scripting, JavaScript, XML/XUL, HTML/XHTML, PHP, CSS

Applications

Extensive experience with/knowledge of: Microsoft Visual Studio 2005/2008, Microsoft Embedded Visual C++, Apple Xcode, Subversion Source Control, BoundsChecker, Microsoft Office, Adobe Dreamweaver, Adobe Flash, Adobe Photoshop

Platforms

Extensive experience with/knowledge of: Windows (98, XP, Vista and 7), Windows CE (4.0, 5.0 and 6.0), Windows Mobile (2002, 2003, 5 and 6), Macintosh (OS X and iPhone OS), Google Android, Symbian (S60 and UIQ)

EDUCATION

Syracuse University | Syracuse, NY

Class of 2006

Bachelor of Science in Computer Science

Princeton High School | Princeton, NJ

Class of 2002