

Sean Murphy

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Objective

My goal is to have a hand in raising the bar of user experience and quality engineering in the software industry, focused on the goal of enabling people to enjoy using technology and computers.

I'm passionate about Mac OS X software development using the Cocoa framework with Objective-C. I strive to produce readable and easily-maintainable code, concern myself with every detail, and design highly polished and functional user interfaces.

Professional Experience

CAMINO WEB BROWSER PROJECT - OPEN SOURCE SOFTWARE ENGINEER

CAMINOBROWSER.ORG [2006-PRESENT]

- › Developed key features for our 1.5 release. Focused on the popup blocker, in-line spell checking, crash detection, drag & drop, usability, accessibility, CJK font support, built-in search engine management, and OpenSearch discovery.
- › Regularly review my peer's source code.
- › Constantly submit new bug reports.
- › Pinpointed and solved one of our most wide-spread crashing bugs to date.

MURPHY JEWELERS - DIRECTOR OF TECHNOLOGY & NETWORKING

POTTSVILLE AND HAMBURG, PA [1999-PRESENT]

- › Solely responsible for managing all aspects of technology/software/hardware at a multi-store jewelry business.
- › I have been the sole source provider of technology support for the past 8 years.
- › Custom built all computer systems and wired a LAN for each store.
- › Established a reliable VPN to securely synchronize business operations between stores.
- › Provide friendly and helpful daily technical support to all employees and managers.
- › Administer nightly off-site backups and in-house emailing lists.
- › Design print, billboard, and web advertisements using Photoshop.

MURPHY JEWELERS - WEB DESIGNER

POTTSVILLE, PA (MURPHYJEWELERS.COM) [2001-PRESENT]

- › Following strict standards-based web design with XHTML and CSS, developed a highly praised web presence.
- › Hosted web and email with an on-site FreeBSD-powered server for two years.
- › Authored a unique online catalog viewer using Adobe Flash/Actionscript.

COVER ME WITH LOVE - WEB DESIGNER AND SYSTEMS ADMINISTRATOR

SAG HARBOR, NY (COVERMEWITHLOVE.ORG) [AUGUST 2006-PRESENT]

- › Volunteered my services and developed a fashionable, standards-based web site for a non-profit organization.
- › Host a webmail system for the staff.

SCHUYLKILL WOMEN IN CRISIS - VIDEO EDITOR

POTTSVILLE, PA [AUGUST 2007-PRESENT]

- › Produced two commercials and two 30+ minute educational videos for a local non-profit organization.

POTTSVILLE HOUSING AUTHORITY - SUMMER CAMP COUNSELOR

POTTSVILLE, PA [JUNE-AUGUST, 2004 AND 2005]

- › Taught underprivileged children various computer skills as part of a summer recreation program.
- › Coordinated games and other activities for the kids.

HAWK SHADOW EQUESTRIAN CENTER - RANCH HAND

NEW RINGGOLD, PA [JANUARY 2007-PRESENT]

- › Responsible for the care of eighteen horses.
- › Work involves feeding, watering, cleaning/bedding all 18 stalls, grooming, and leading.

Education

Saint Joseph's University, Philadelphia, Pennsylvania.

B.S. in Information Systems, 2006.

Pottsville Area High School, Pottsville, Pennsylvania.

College Preparatory Curriculum, 2002.

Other Experience

- › Apple Worldwide Developer Conference, 2006.
- › C4 Independent Mac Developer Conference, 2007.
- › Very active in helping other developers on Apple's Cocoa Development and Xcode Users Mailing Lists:
<<http://www.google.com/search?q=site:cocoabuilder.com+%22Sean+Murphy%22>>
- › Lead Adobe Photoshop designer on my high school's nationally recognized and award winning yearbook team.
- › Provide technical support for local businesses, family, and friends (mostly windows centric).

Technical Knowledge

- › Strong point: Mac OS X software development using **Cocoa and Objective-C**.
- › Use of **Xcode** with complex projects.
- › Extensive knowledge of **C**, especially of pointers and memory.
- › Complete understanding of Cocoa's memory management process.
- › Object Oriented **Design Patterns** and how to apply them to Objective-C.
- › The importance of **readable code**, by using clear, explicit method and variable names and effective commenting.
- › How to design cohesive objects, incorporate abstractions, and rely on encapsulation to isolate and guard against change.

- › Daily interaction with **version control** software. (Mercurial for my own work; familiarity with Subversion.)
- › **Web standards**, including XHTML and CSS.
- › Adobe **Photoshop**, for web graphics, print advertising, and UI mockups.
- › **FreeBSD** from a user and administrator standpoint.
- › Able to troubleshoot just about any **Windows XP** problem.

REFERENCES ARE AVAILABLE UPON REQUEST.