

Sean Murphy

133 S. 25th St.
Pottsville, PA 17901
570.640.3884

jobs@seanmurph.com

<http://seanmurph.com>

Profile

I am a software developer relentless in the pursuit of engineering elegance. I make it my goal to always design technology with the human experience in mind, crafting usable and intuitive user interfaces while producing highly readable and easily maintainable source code for efficient development.

I am intensely passionate about, and skilled in, engineering Mac OS X software using Cocoa and Objective-C. I have been fluent with the frameworks, language, and development tools since 2004. Using my rich knowledge of Cocoa's APIs, programmatic conventions, and style, I strive to echo the elegance of the platform in my own work to design truly polished technology.

Professional Experience

CAMINO WEB BROWSER PROJECT - OPEN SOURCE SOFTWARE ENGINEER

[CAMINO BROWSER.ORG](http://CAMINOBROWSER.ORG) [2006-PRESENT]

- ▶ Design and develop many major features in Camino. Work includes: smoothly-animated drag and drop reordering of the tab bar, built-in search engine management, OpenSearch plug-in parsing with associated auto-discovery, anti-phishing/safe browsing, major overhaul of keyboard accessibility and our key-view loop, the popup blocker, in-line spell checking, crash detection, misc drag and drop additions, CJK font support, and various usability fixes.
- ▶ Regularly review my peers' source code.
- ▶ Constantly submit new bug reports.
- ▶ Pinpointed and solved one of our most widespread crashing bugs to date.
- ▶ When I implemented tab reordering, it was our most requested feature and 15th oldest unfixed bug in project history.

MURPHY JEWELERS - DIRECTOR OF TECHNOLOGY, ADVERTISING DESIGNER

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.
- ▶ Lead copywriter and sole designer of all print, billboard, and web advertisements (see <http://seanmurph.com/advertising-portfolio/>)
- ▶ Custom built all computer systems and wired a LAN for each store.
- ▶ Established a reliable VPN to securely synchronize business operations between stores.
- ▶ Administer nightly off-site backups and in-house emailing lists.

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]

- ▶ A few days a week I am solely responsible for the care of eighteen horses.

Education

Saint Joseph's University, Philadelphia, Pennsylvania.

B.S. in Information Systems, 2006.

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>
- ▶ Author of technical articles about software development, on my website at:
<http://seanmurph.com/weblog>
- ▶ Lead Adobe Photoshop designer on my high school's nationally recognized and award winning yearbook team.
- ▶ Provide technical support for local businesses, and families (mostly Windows centric).

Technical Knowledge

- ▶ Strength and passion: developing Mac OS X software using **Cocoa and Objective-C**.
- ▶ Rich awareness and strict practitioner of Cocoa coding conventions and style.

- ▶ Complete comprehension of **memory management** in Cocoa.
- ▶ Proficient in class design built around **MVC** principles.
- ▶ Use of **Xcode** with complex projects.
- ▶ Extensive knowledge of **C**.
- ▶ Low-level programming aspects such as machine structure, linking, loading, compilation, etc.
- ▶ 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. (git for my own work; familiarity with Mercurial and Subversion as well.)
- ▶ Well versed in development with **web standards**, including XHTML and CSS.
- ▶ Very skilled in Adobe **Photoshop**, for web graphics, print advertising, and UI mockups.
- ▶ **FreeBSD** and **UNIX** from a user and administrator standpoint.
- ▶ Able to troubleshoot just about any **Windows XP** problem.

REFERENCES ARE AVAILABLE UPON REQUEST.