

# Mark Christian

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## Skills

### Front- and back-end web development

AJAX, CSS, HTML5, JavaScript, JSON/JSONP, MySQL, PHP, Prototype/jQuery, Python, Unix shell-scripting, XHTML, XML.

### Desktop development

C, C#, Cocoa, Java, .NET, Objective C, Visual Basic

### Applications

Git, PhotoShop, SubEthaEdit, Xcode, Subversion, #Develop, Visual Studio,

## Work Experience

### Senior Software engineer, PBworks, San Mateo, CA

February 2008 – present

- Designed, implemented, and maintained online collaboration software
- Built scalable systems that handle hundreds of thousands of users per month
- Led a data migration of 1+ million user workspaces
- Deployed and monitored server software
- Web development with PHP, MySQL, JavaScript, and XHTML+CSS
- User testing, feedback, and iteration
- Automated testing using PHPUnit and Selenium

### Software engineer, v.1 Labs, Halifax, NS

June 2006 – February 2008

- Designed and implemented technical support and setup applications for ISPs
- Managed a summer intern
- Created extensible, plugin-based systems in C# and PHP
- Ported an application to Mac OS X in Objective C
- Web development with PHP, MySQL, JavaScript, and XHTML+CSS

### Developer, Freelance

July 2006 – present

- Created public-facing web sites to specifications given by clients
- Front-end development with JavaScript and XHTML+CSS
- Server-side development with PHP and MySQL

## Education

### Bachelor of Computer Science, Dalhousie University, Halifax, Nova Scotia

2001 – 2006

Notable courses: Advanced Web Programming, Compiler Construction, Networking, Network Security, Software Engineering, Usability Engineering.

## Personal Projects

### Help Bubble, a free service for adding context-sensitive help to web sites

<http://www.helpbubble.com/>

### Distributed Boing Boing, a distributed censorship circumvention tool

<http://markchristian.org/projects/dbb>

### Life Screen Saver, the Game of Life as a Mac OS X screen saver

<http://markchristian.org/projects/life>

### textMonster, an alternative regular expressions interface

<http://markchristian.org/projects/textmonster>