

# Alex Bain

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## Objective:

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To work as a software engineer at an exciting company where the people are passionate about constant product improvement, strive towards providing increased value to their customers, and where I can contribute more than just code.

## Skills:

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- Interactive web application development using JavaScript (including AJAX, HTML5, YUI, jQuery)
- Cross browser web site development using HTML5 and CSS3
- Communication and interpersonal skills working as a teaching assistant for a Ruby on Rails course
- Familiarity with Ruby and PHP from class work and personal projects

## Experience

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### **SixApart Ltd.** (Software Engineering Intern 2007-2009, Software Engineer 2009-Current)

- Reduced average blog page load time by up to 50% after implementing front end best practices
- Designed a JavaScript utility library which reduced JavaScript / AJAX related development time
- Implemented an algorithm to generate custom color schemes for blogs based on user uploaded photographs
- Enhanced user experience on TypePad by progressively enhancing the site with JavaScript
- Assisted in application development on the TypePad product using Perl and the Catalyst Web Framework
- Worked closely with designers and product managers to refine user interactions on TypePad and Vox
- Received wireframes and design mocks from designers and crafted valid (X)HTML web pages with standards compliant CSS for the TypePad, TypePad Connect, TypePad Conversations, and Vox products
- Brainstormed and lead the creation of a collaborative hack space for engineers
- While an intern, functioned as the primary front end resource for the TypePad Connect core product during early 2008. This meant working closely with both product and engineering managers to plan out milestones and release dates based around my academic schedule

### **UC Berkeley Reliable Adaptive Distributed Systems Laboratory** (Research Assistant Fall 07)

- Assisted in the planning and development of a Ruby on Rails application used for a benchmarking project with lab partner Sun Microsystems
- Worked as a teaching assistant (grading projects and assisting students with technical questions) in a Ruby on Rails class taught by the Reliable Adaptive Distributed Systems Lab in Fall 2007

### **Marketsource, Inc** (July 2005 – March 2006)

- Located a critical security flaw in the corporate website, helped the web team reproduce the problem, and then assisted in the design and implementation of two security patches to properly address the issue

## Education

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### **UC Berkeley** (August 2006 – May 2009)

- Bachelor of Arts Degree in Cognitive Science
- Special interest in: Perception, Social Psychology, Cognitive Neuroscience
- One of two research assistants conducting work on a Visual Attention research project (Spring 2007)
- Rode and volunteered for the AIDS LifeCycle, a 545 mile cycling charity ride from SF to LA in 2008, 2009