

# Brad Harris

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## Technical Skills

- **Software Development** - I'm extremely passionate about developing software. These are some of the more common technologies I've used in doing so:
  - **Javascript** - I love it, on the server and the client. I'm familiar with many client-side libraries and love [node.js](#). I find taking a minimalistic approach to webdev can go a long way.
  - **Go** - Built various Services & APIs using Go. I've found the strong typing, testability and performance of the language to be great for many use-cases.
  - **PHP** - I've used many frameworks and libraries such as [Zend](#), [Doctrine](#), [Twig](#), and have architected and written custom frameworks and libraries as well.
  - **Java** - Two and a half years programming in Java on an enterprise web application. Proficient with [Struts](#), [Spring](#), [Hibernate](#), and [Tomcat](#).
  - **HTML & CSS** - I'm a big fan of semantic markup and modular CSS.
  - **Apache** - I'm very familiar with configuring and managing Apache web servers
- **Databases** - Experienced in [MySQL](#), [SQL Server](#), [Oracle](#) & [Redis](#), BigQuery, Google Cloud Datastore and [MongoDB](#).
- **Version Control** - [Git](#), [SVN](#).
- **Testing** - Strong background and love for unit testing across all languages, from client-side unit tests to backend unit tests. I find decomposing layers of systems a useful approach to writing good tests.
- **OS** - Comfortable w/ Mac, Linux & Windows

## Work Experience

- **[Robots and Pencils](#) - Castle Rock, CO**
  - *July 2015 - present*
  - *Lead Developer:* [Missions](#), [Beep Boop](#), architecting and building services and the front-end for the products.
  - Consult for clients and projects around web technologies and chat bots
- **[Yahoo!](#) - Denver, CO**
  - *November 2012 - July 2015*
  - *Principal Software Engineer:* publishing tools - node.js, modular UI with browserify, node.js middle tier for service orchestration.
- **[Pearson](#) - Denver, CO**
  - *July 2012 - November 2012*
  - *Senior Software Engineer:* Building realtime, evented web applications for [OpenClass](#) utilizing technologies such as node.js, redis, websockets, and backbone.js.
- **[Yahoo!](#) - Denver, CO**
  - *November 2010 - July 2012*
  - *Senior Software Engineer:* Worked on maintaining, and internationalizing the Yahoo! Contributor Network (originally AssociatedContent.com). This included architecting and writing integration libraries to handle interfacing with existing Yahoo! services. This work was mainly on a LAMP stack, and I spent most of my effort writing PHP. I also worked on internal publishing tools built on node.js.
- **[New Mexico Department of Game & Fish](#) - Santa Fe, NM**
  - *November 2008 - November 2010*
  - *Senior Developer:* Played a vital role in the re-architecture and development of the department's existing systems into a LAMP based architecture. I developed in PHP and MySQL using Zend Framework, Doctrine ORM and the YUI javascript library. I was involved heavily from the back-end and architecture of the system, to the front-end engineering and design. Major accomplishments include extensive performance and optimization work to handle high workloads in a load-balanced environment as well as designing and building a new lottery and accounting system that was responsible for billing millions of dollars annually. I implemented caching utilizing APC for data retrieval and view rendering.
- **[Justice Systems](#) - Albuquerque, NM**
  - *May 2006 - November 2008*
  - *Programmer Analyst:* Working in a J2EE environment on a web-based Court Management System. The project utilized Struts, Spring, Hibernate, and Tomcat. My major accomplishments included creating our own Javascript framework wrapping YUI for maintaining our rich interface components. I built highly interactive and user friendly interfaces that increased performance for our users.
- **[ePliant Marketing](#) - Orem, UT**
  - *April 2004 - August 2005*
  - *Web Developer / Programmer:* Built various web-systems from eCommerce sites to back-office administration systems for clients, such as dentists and real estate companies. Worked mainly in PHP and with MySQL.
- **[Brigham Young University Museum of Art](#) - Provo, UT**
  - *January 2002 - March 2004*
  - *Web Developer:* Maintained the museum's public Internet website, and helped with the integration of an art management system into the public website. I also helped with design projects for the Museum's advertisements.

## Education

- **[Utah Valley University](#) - Orem, UT**
  - *Graduated April 2006*
  - BA, *Information Systems* (3.53 GPA)
- **[Brigham Young University](#), Provo UT**
  - *September 1998 - December 2003*
  - Courses in Computer Science, Information Technology and General Education

## Community Service & Accomplishments

- **Mexico City, Mexico**
  - *July 1999 - January 2001*
  - *Christian Volunteer:* Shared Christian message and served the people of Mexico. I supervised four to six other volunteers and became fluent in Spanish.
- **Eagle Scout**
  - Acheived the rank of Eagle Scout in the Boy Scouts of America