

BRANDON J. SAVAGE

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TECHNOLOGIES

- Object-Oriented PHP 5
- MySQL and PostgreSQL
- Windows Server & Ubuntu
- HTML
- CSS/Javascript
- Apache
- Subversion
- Mac OS X

WORK EXPERIENCE

2009 Applied Security Reston, VA

Senior Developer

- Managed a minor and major software release on schedule with no known issues in the released version.
- Incorporated AMF functionality into in-house framework for interaction with Flash and Flex.
- Transitioned Zend Framework components into in-house framework for added functionality.

2008 - 2009 The Bivings Group Washington, DC

Programmer

- Invented a new product, called Direct Action, for the management and operation of political campaigns. This software was used by The Pickens Plan, with over 1.5 million subscribers.
- Wrote efficient, scalable code to manage large numbers of page views resulting from national ad campaigns.
- Implemented personally the transition from one CMS to another, including the transfer of 2 million records.

2008 DC PHP Alexandria, VA

Application Developer

- Developed website for client that improved membership enrollment by 20% and page views by 25% over previous highs.
- Designed code capable of withstanding constantly changing load volume, tested up to 2,000 page views per hour.
- Created master plan for improving server resource usage, which would free up 40% of company servers for other tasks.

CONSULTING POSITIONS

- *Measuring Up, 2008*
This report card of state education metrics required an advanced database design that matched efficiency with scalability. There were over 200 metrics that consistently changed right until the launch date. This project required the ability to add new metrics for additional years in the future, as well as allow for the search and comparison of various metrics.

- *National Building Museum*
In order to facilitate the scheduling of school groups, a scheduling application was constructed and implemented. This involved both a backend tool for adding scheduled courses and a frontend tool that was smart enough to determine if too many or too few classes were bought during signup. The application remains in use a year later, and was completely object oriented.
- *Tripod Annie Photography*
A website for a private photographer, this site involves a blog, the ability to upload photos, and a photo rotation on the main page. This client opted to reject existing blogging and photoblogging platforms, resulting in 100% original code development.

PERSONAL
PROJECTS

- 2007 – 2008 ~ Almost Georgetown – Custom Blogging Platform
- 2005 – 2007 ~ Pacific Perspectives – College Newspaper
- 2004 – 2007 ~ National Interest – Online Roleplaying Game

SPEAKING
ENGAGEMENTS

- *Five Tips for Making Good Object-Oriented Code Better* ~ Frederick Web Group
- *XDebug Your Code – Tips and Tricks for Writing Bug-Free High Impact Code* ~ OSCon, July 2009
- *XDebug Your Code – Tips and Tricks for Writing Bug-Free High Impact Code* ~ DC PHP Developer’s Group, June 2009
- *Wordpress Caching* ~ Wordcamp MidAtlantic, May 2008
- *Permissions for Robust Web Applications* ~ ZendCon, September 2008
- *Permissions for Robust Web Applications* ~ DC PHP Developer’s Group, June 2008

COMMUNITY
INVOLVEMENT

- WPCache-APC, Author (2009)
- Official PHP Manual, Contributor (September 2008 – Present)
- DC PHP Developer’s Group, Schedule Master and Community Leader (July 2008 – Present)
- ApplicationACL, Author (June 2008)

EDUCATION

American University Washington, DC

University of the Pacific Stockton, CA

Bachelors of Arts, Political Science