

Dennis S. Hennen

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Experienced Web Application Developer

Extensive experience in PHP and JavaScript web application development and Linux system administration. Able to quickly learn new technologies, languages and frameworks. Work successfully in distributed team environments, face to face or individually. Excellent logic, mathematical, and analytical skills and written and verbal communication.

Education

- M.S. in Computer Science, Ohio State University, December 1999.
- B.S. in Computer Science and Mathematics, *magna cum laude*, Lipscomb University, December 1997.

Experience

Web Application Developer, Software Architect English360.com, Jul 2009 to Present

- Part of distributed team designing and developing large CakePHP/MySQL application. Specialize in designing and implementing new models and complex interactions with MySQL.
- Significantly cleaned up original code, added unit testing, fixed bugs, making code easier to work with.
- Heavy use of jQuery and AJAX. Wrote or extended several jQuery plugins.
- Customized or created several TinyMCE plugins requiring extensive cross-browser JavaScript.

Web Application Developer, Software Architect, Project Manager American Registry, Nov 2006 to Mar 2009

- Responsible for programming and most of the architecture of their large CakePHP application.
- Refactored and streamlined code and MySQL database to provide big speed improvements.
- E-commerce with Authorize.net. Light Linux administration.
- Managed five programmers from around the world. Successful keeping communications open and project on schedule.

Web Application Developer, Owner 28 Studios, Feb 2006 to Present

- Work with clients of all sizes to develop or improve their websites. General examples of work:
 - Update existing code to fix bugs and add new features.
 - Pick new systems and services and transition data to what meets client needs and budget.
 - Help with administering web, email, DNS, etc on Linux based servers.
 - Typo3 CMS sites for political candidates. Taking donations, list processing for targeted advertising, and mapping applications to plot data about voters on Google maps.

Software Analyst Progressive Medical, Aug 2005 to Feb 2006

- Maintained and wrote new software for PHP based intranet. Performed design activities for future projects.
- Refactored a Perl script that generated MySQL reports greatly reducing execution time.

Data Miner, Researcher, Developer American Heuristics, Feb 2001 to Jul 2005

- Research and development of data mining technologies.
- Improved performance of their core technologies and developed several applications using them. Included credit card fraud detection and a network intrusion detection system (IDS). Used Java, C++, and CORBA.
- Created small websites (PHP/MySQL) or customized applications for clients.
- Administered Linux server running web, email, and DNS.

Web Application Developer, Owner MockElection.com, Oct 1999 to Feb 2003

- Responsible for all technology. Used LAMP stack.
- Software design, development and maintenance, database administration, and Linux administration.

Web Application Developer, Owner Omicron-D, Nov 2000 to May 2002

- Developed websites using PHP, Apache, Tcl, AOLserver, Perl, Oracle, PostgreSQL, MySQL.
- Administered Linux server running web, email, and DNS.

Research Assistant Ohio State University, Jun 1999 to Dec 1999

- As part of master's thesis extended JavaScript's object oriented features and created a generic library, Ojstools, to help create complex web-based interfaces.
- Wrote compiler with C++ that translated ECMAScript 2.0 into JavaScript 1.2 that could be run on existing browsers.
- Related work using Java and Perl.

Special Skills

Skill	Years
<i>Operating Systems</i>	
Unix/Linux	16
Mac OS X	5
<i>Web Development</i>	
PHP	9
HTML/XHTML	9
CSS	9
JavaScript	6
jQuery/AJAX	5
CakePHP	5
TinyMCE	2
<i>Databases</i>	
MySQL	11
Oracle	1
PL/SQL	1
PostgreSQL	1
<i>Other Languages</i>	
shell scripting	16
C++	7
C	3
Perl	3
TCL	2
Pascal	2
Java	1
<i>Other Skills</i>	
Sysadmin	11
Amazon S3	1
SVN	7
git	2
OOP Object Oriented Programming	12
MVC Model-View-Controller	5