

John Albin Wilkins

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OBJECTIVE To be creative. To love my job. To learn, implement, and manage new web technologies and to build web applications that are dynamic, accessible, and easy to use.

SKILLS

- Experience with web development since 1994.
- Working knowledge of XHTML 1.1, HTML 4.01 (and earlier), Cascading Style Sheets, JavaScript client-side scripting (AJAX, JQuery), server-side scripting (PHP, Perl, ASP, ColdFusion) and database integration (MySQL, MS SQL 7.0 & 2000).
- Extensive experience with creating cross-platform, browser-independent web pages with well-formed HTML, valid CSS, and small, web-optimized graphics.
- Installed and configured version control systems (Subversion), email servers (Postfix, Sendmail, UW IMAP), DNS servers (bind 8), database servers (MySQL, MS SQL), IIS 4.0/5.0 (Windows NT/2000) and Apache (UNIX/Mac OS X) web servers, server-side scripting languages (PHP, Perl, ColdFusion, JRun), and web server applications (Drupal, Horde, IMP, MediaWiki).
- Technical knowledge of Windows XP/2000/NT/9x, Macintosh, & UNIX OSes.
- Experience with event-driven GUI through web, Motif, and Java programming.
- Proficient in PHP, Perl, Java, JavaScript, CFML, VBScript, Ansi C, C++, KornShell, C Shell, BASH Shell, LISP, and BASIC programming languages.
- Open source programmer for the Drupal content management platform; have written PHP-based patches for critical bugs in Drupal core, several fixes/enhancements for Drupal modules, and several Drupal modules and themes.
- Familiar with Microsoft SQL Server, Access, Dreamweaver, BBEdit, TortoiseSVN, HomeSite, ImageReady, Photoshop, and Illustrator programs.

EXPERIENCE

7/01-present Albin.Net - Phoenix, AZ

Owner

- Developed database-driven web applications with user-level and role-level permissions, search engine optimized (SEO) content, ecommerce capabilities (Authorize.Net, PayPal), flexible and configurable CSS layouts, image manipulation, email integration, WYSIWYG content editing, site administration using Drupal framework, PHP, Perl, ColdFusion, and MySQL.
- Configured domain name services using bind 8 and web services using Apache. Installed and configured database services using MySQL, email services using Postfix, Sendmail and UW IMAP, and web applications such as Drupal, Joomla, Horde, IMP, MediaWiki, UBB.threads, ikonBoard, and phpBB with Perl and PHP.
- Converted 30+ page conference brochures to well-organized web sites using tableless, CSS-based layouts. Added secure on-line registration forms with email confirmation using Perl, PHP, MySQL, SSL, and Authorize.Net (credit card verification/charge).

4/99-6/01

Tandem Computers / Compaq Computers - Cupertino, CA

Senior Web Services Developer

- Developed database- and email-driven web applications using Active Server Pages, Microsoft SQL Server, and CDONTS (email integration).
- Developed applications with mixed-mode security that allowed limited anonymous access and feature-rich secure access using Windows domain authentication and SSL-encrypted logons.
- Provided resources for junior web developers.
- Created custom Microsoft Outlook applications.

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EXPERIENCE (cont.)

- 7/97-3/99 Web Service Bureau Developer & Server Administrator
- Tested and upgraded Windows NT IIS web server from 3.0 to 4.0.
 - Developed database-driven web sites with individual and group based security and web-based site administration with ColdFusion.
 - Installed, configured, and tested Windows NT OS and web server software and transferred web content for new web server hardware.
 - Helped create new Web Technologies Service Bureau as a cost-effective resource for internal groups to develop web sites.
- 7/96-1/98 Workstation Infocentre Manager
- Maintained and organized largest intranet site within Tandem Computers.
 - Implemented world-wide FTP servers for software distribution.
 - Created easy-to-use, standardized web scripts for software downloads and for HTML form handling for email submissions.
 - Tested and installed Excite search engine, ColdFusion server-side scripting engine, and IIS Assistant web statistics package.
 - Provided support for downloading and installing standard software.
- 8/95-1/96, 1/95-5/95, 6/94-8/94 R.R. Donnelley & Sons Company - Lisle, IL
Transfer of Technology Co-op
- Wrote KornShell scripts to process TIFF-IT8.8 files and to help automate software installation and setup.
 - Assisted technical support of software by creating and maintaining a network-accessible database and an in-house web server.
 - Added sound, text, and graphics to a multimedia training project.
- 6/95-8/95 University of Illinois Computer Science Department - Urbana, IL
Real-time Systems Laboratory (RTSL) Student Programmer
- Wrote Motif interfaces to C++ code.
- 8/93-5/94 University of Illinois Computer Science Department - Urbana, IL
Grader for CS110 (C Programming Lab)
- Held office hours where I helped students with their programming problems.
 - Graded quizzes and programs written in ANSI C.

EDUCATION **University of Illinois, Urbana-Champaign** - College of Engineering
BS in Computer Science, May 1996
GPA: 4.1/5.0

COURSES

C, C++ Programming Labs	Data Structures
Operating System Design	Computer Graphics
Computer Architecture	System Organization
Computer Music	Advanced Sound Synthesis
Data Acquisition Systems	Intro to Artificial Intelligence
Numerical Methods	Combinatorial Algorithms
Probability Theory	Matrix Theory

HONORS & ACTIVITIES

Children of Veterans Scholarship	Illinois State Scholar
Merit Recognition Scholarship	James Scholar in Engineering
Engineering Dean's List	Phi Fives/Phi Eta Sigma honor society