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# Daniel Church

## Profile

Accomplished software developer with 10+ years of experience in the field including designing and implementing SQL databases, software testing and patching, web security assessments and UNIX system administration.

Areas of expertise include:

Software Development (Perl, Shell, SQL, PHP, JavaScript, HTML, CSS, XML, XSLT, Java, AJAX)

UNIX System Administration and Security

SQL Database Design and Implementation

Graphic Design

## Education

Sep, 2003 ― Dec, 2007 UW River Falls

Undergraduate  
Computer Science & Information Systems

Jan, 2010 ― Present Dunwoody Technical

Undergraduate  
CWEB

## Work Experience

Aug, 2009 ― Mar, 2010 Custom Exteriors of Wisconsin, Inc.

Database Development and Management Specialist

Development Skills: AJAX, CSS, Database Design, HTML, JavaScript, MySQL, Perl, PHP, Technical Writing

UNIX Admin Skills: Apache, Firewalls, Virtual Hosting, VPN

* Supervised the upgrade and implementation of the company's existing MySQL database
* Oversaw the development of a comprehensive intranet-based PHP data entry interface for internal company use
* Wrote and revised technical manuals and employee training programs for the new software infrastructure

Mar, 2009 ― Aug, 2009 Winner, Wixson & Pernitz

Accounting Data Management Specialist

Development Skills: Perl, Shell

UNIX Admin Skills: Sendmail, VPN

* Responsible for the entry and management of thousands of invoices and hand-written work, quickly finding and correcting problems that arose, overseeing billing and mailing operations
* Hidden ParagraphManaged a complex database of financial information of hundreds of legal clients
* Supervised the maintenance and upgrade of client and server software and hardware for the entire office
* Built a replacement internal database in Microsoft Access and a Visual Basic user interface

Jan, 2009 ― Mar, 2009 Custom Exteriors of Wisconsin, Inc.

Outside Technical Consultant

Development Skills: Database Design, MySQL, Perl, PHP, XML, XSLT

UNIX Admin Skills: Firewalls, Network Security, TCP/IP

* Oversaw the design and launch of a large-scale MySQL database to store financial and work records for thousands of customers and employees

Jul, 2008 ― Jan, 2009 UW-Madison EH&S

Web Portal Contact Training Specialist

Development Skills: CSS, HTML, JavaScript, Perl, XML

UNIX Admin Skills: Code Security, CUPS

Graphic Design Skills: Inkscape, Photography, The GIMP

* Chief designer and developer of a complex website to convey a multitude of safety and medical information
* Supervised the design of an intuitive and sleek website layout using HTML and CSS
* Employed advanced graphic and video presentation techniques to a wide range of multimedia for use in a web-based setting
* Used digital photography and image manipulation techniques in The GIMP to convey information to a wide audience of hundreds of university workers
* Employed HTML, CSS and object-oriented JavaScript to create an intuitive user experience

Sep, 2005 ― Present Youth Against War and Racism

Political Organizer

Graphic Design Skills: Photography, The GIMP, Inkscape

* Used advanced graphic design techniques to create dozens of conspicuous and eye-catching materials

Sep, 2005 ― May, 2006 Walgreens, Stillwater, MN

Photo Technician

Feb, 2001 ― Sep, 2005 Walgreens, Minneapolis, MN

CSR/Photo Technician

* Successfully maintained general retail responsibilities, including accurately counting currency and aiding customers
* Employed film and print development techniques on four separate machines: Gretag Master Lab Plus; Noritsu QSF-V50 Film Processor and Scanner; Noritsu QSS-35 Plus Print Processor; Fujifilm Minilab-Frontier LP 7000

## Other Skills and Experience

Development: ● More than 8 years experience programming in Perl 5 using object-oriented and threaded models.

* Years of experience writing PHP 5, XHTML, CSS 2, JavaScript, AJAX, XML and XSLT.
* Vast working knowledge of Perl, POSIX and Java regular expression libraries.
* Years of experience in UNIX shell scripting, automated tasks, code security practices and multithreading.
* Experience developing Java applications and experience using the Eclipse development platform.
* Over 2 years experience working in a managed code environment using Subversion and Git.
* Experience creating object-oriented code libraries in Perl, PHP and Java. Published on CPAN.
* Experience building and using databases using SQLite, MySQL and PostgreSQL and working with PHP and Perl APIs.
* Working knowledge of artificial intelligence (AI) programming concepts and designs, constructing and implementing neural networks.

UNIX Administration: ● Over 8 years experience administrating Linux servers and virtual hosts.

* Vast and intimate knowledge of UNIX system administration, networking and security.
* Years of Apache, MySQL and virtual hosting experience.
* Extensive experience building, setting up and administrating computer networks and clusters.
* Experience building desktop computers and upgrading hardware.

Graphic Design: ● Years of 2D and 3D graphic design experience working with Inkscape, The GIMP, Blender, Dia, Scribus, Adobe Photoshop and Illustrator.

* Experience developing visual media in OpenOffice, LibreOffice and Microsoft Office.
* Experience constructing, editing, encoding and analyzing digital audio with working knowledge of audio filtering types and techniques.

## References

|  |  |
| --- | --- |
| Employment | Employment |
| Walsh, Andrew | Paul, Becky |
| Custom Exteriors of WI, Inc | Winner, Wixson & Pernitz |
| 3501 N Northridge Ln Appleton, WI 54914 | 22 E. Mifflin St Suite 702 Madison, WI 53701 |
| Tel: +1-920-810-4306 | Tel: +1-608-257-0257 |
|  |  |
| Employment | Employment |
| Discher, Michelle | Morrison, Jim |
| UW-Madison EH&S | UW-Madison EH&S |
| 30 East Campus Mall Madison, WI 53715 | 30 East Campus Mall Madison, WI 53715 |
| Tel: +1-608-890-0320 | Tel: +1-608-263-2177 |
|  |  |
| Employment | Employment |
| Madsen, Brandon | Larsen, Matthew |
| Youth Against War and Racism | Walgreens #01811 |
| 345 W Doty St #2 Madison, WI 53703 | 3207 E Lake St Minneapolis, MN 55406 |
| Tel: +1-608-251-6258 | Tel: +1-612-721-4114 |
|  |  |
| Personal | Personal |
| Shillingford, Nick | Stanislowski, Cryztal |
|  |  |
| 1029 State St #33 River Falls, WI 54022 | 3809 Sibley St #207, Burnsville, MN 55337 |
| Tel: +1-612-251-0707 | Tel: +1-952-457-1475 |