

3208 Lyndale Ave. S #8, Minneapolis MN 55408  
Email: dchurch000@gmail.com Tel: +1-651-206-7515

## 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
- Managed 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.

**Employment**

Walsh, Andrew  
 Custom Exteriors of WI, Inc  
 3501 N Northridge Ln  
 Appleton, WI 54914  
 Tel: +1-920-810-4306

**Employment**

Paul, Becky  
 Winner, Wixson & Pernitz  
 22 E. Mifflin St Suite 702  
 Madison, WI 53701  
 Tel: +1-608-257-0257

**Employment**

Discher, Michelle  
 UW-Madison EH&S  
 30 East Campus Mall  
 Madison, WI 53715  
 Tel: +1-608-890-0320

**Employment**

Morrison, Jim  
 UW-Madison EH&S  
 30 East Campus Mall  
 Madison, WI 53715  
 Tel: +1-608-263-2177

**Employment**

Madsen, Brandon  
 Youth Against War and Racism  
 345 W Doty St #2  
 Madison, WI 53703  
 Tel: +1-608-251-6258

**Employment**

Larsen, Matthew  
 Walgreens #01811  
 3207 E Lake St  
 Minneapolis, MN 55406  
 Tel: +1-612-721-4114

**Personal**

Shillingford, Nick  
  
 1029 State St #33  
 River Falls, WI 54022  
 Tel: +1-612-251-0707

**Personal**

Stanislawski, Cryztal  
  
 3809 Sibley St #207,  
 Burnsville, MN 55337  
 Tel: +1-952-457-1475

- 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