

# CHARLES SHEININ

## OBJECTIVE

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Full time employment in an open source web development position.

## EXPERIENCE

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07/09 – present Intel Corp. (as contracted via Sapphire Technologies/Randstad) Hillsboro, OR  
*PHP/LXMP Software Developer*

- Worked with the team responsible for developing and launching the Intel Atom Developer Program community website
- Consistently met tight deadlines on a fast-paced, PHP/LXMP project using Drupal, jQuery, Sphinx, SVN and many other technologies
- Worked as a team player, owning projects such as search, analytics and anonymous posting control while assisting team members wherever needed
- Assisted with QA testing during pre-launch, and worked with team to ensure that live launch went smoothly
- Researched, installed and configured third party Drupal modules and solutions, and helped to develop custom, in-house Drupal modules and solutions

09/08 – 04/09 CD Baby (AVL/DiscMakers) Portland, OR  
*Programmer*

- Created custom database driven Intra- and Internet applications in a team development environment
- Maintained and expanded existing applications as business needs changed
- Worked with other developers to test code quickly and efficiently before release
- Rewrote legacy code using object-oriented methodology
- Wrote "one-off" queries to produce reports that were not called for frequently enough to add to any user-friendly reporting apparatus
- Interacted with [non-developer] coworkers to track down bugs or maximize usability of new development
- Administered personal development environment (Linux, Apache, MySQL, PHP 5)
- Part of programming transition team charged with creating new .NET/C# version of website
- Provided customized financial/accounting reports for Accounting/Site Management

06/07 - 07/08 All Network Eugene, OR  
*Web Master/Database Administrator*

- Designed logo and web presence for a multinational, multilingual web directory accommodating 150 countries and 50 languages
- Designed and executed a standards compliant, accessible, UTF8 presentation layer for presenting data in multiple languages and charactersets (HTML, CSS, MySQL, PHP)
- Designed and executed program layer to access database and meet supplied SEO specifications (PHP, MySQL, PostgreSQL)
- Designed MySQL InnoDB relational models using Quest Toad Modeler 2, 3 and implemented resulting databases with scripts (PHP, Ruby, SQL)
- Wrote shell scripts for extracting and loading multi-vendor data from flat CSV files into MySQL and PostgreSQL databases (PHP, Ruby, SQL)
- Wrote specifications for and oversaw the cleaning, preparing and management of data from over 100 countries in multiple languages
- Responsible for research and purchase of development server hardware (\$20,000+)

11/04 - 06/07 Behavioral Research & Teaching/University of Oregon Eugene, OR  
Multimedia/Web Design & IT Support

- Designed and coded web pages for various projects
- Set up PHP/MySQL/Apache web serving environment on Windows 2003 Server, OS/X Server 10.3/10.4 and Linux (FC 4/5) to host BRT web programs
- Used (X)HTML, JavaScript, CSS/DHTML, MySQL & PHP in website design
- Designed animated Flash quizzes/sequences as needed
- Produced & edited digital video and audio content for the web
- Co-administered web and file servers
- Supported users and servers on Windows, OS/X and Linux hardware and software as needed

08/02 - 07/04 Clark Honors College/University of Oregon Eugene, OR  
*Student IT Technical Support/Student Supervisor*

- Principal student tech, responsible for student computer lab, office and faculty tech needs
- Advised department on IT ordering, hiring, policy, budget and equipment purchasing
- Designed & deployed customized, built-in-house computers
- Responsible for parts ordering and RMA handling
- Maintained, repaired & updated hardware, software & network
- Oversaw development of network structure running on several Win2K & Linux servers
- Provided full hardware/software/instructional user support to students, staff & faculty
- Facilitated annual EDTECH grant proposal

## EDUCATION

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2002 – 2007 University of Oregon Eugene, OR

- Graduated with BS Multimedia Design; Minor: Computer Information Technology

## SUMMARY OF TECHNICAL SKILLS

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### Programming Languages

- Fluent: PHP, SQL, (X)HTML, CSS, JavaScript
- Adept: Ruby, JavaScript, Lingo (Shockwave), C++, Arduino (like C/C++), C# (.NET)
- Used: LPC, C, AutoLISP (AutoCAD), ActionScript (Flash), BASIC, VBA (MS Office/Access)

### Software, Hardware & Operating Systems

- MySQL 5+, PostgreSQL 8+, PHP 4,5+ setup/configuration for web and shell (Win/OSX/Linux)
- Apache setup/configuration web service (Win/OSX/Linux)
- SVN, Vault (Client)
- MS-DOS 5.x+, Windows 3.x, 95, 98, 2kPro, XP Pro, 2k/2k3 Server, OS/X (up to 4), Linux (Fedora up to 8, primarily, but other flavors as well)
- Adobe Photoshop CS3 suite, Macromedia MX 2004/Studio 8 suites, Corel draw/paint, etc.
- Lotus, Corel, Open and MS Office suites (MS: Office 7 up through Office 2007)
- Adobe Video Collection Pro 2, Final Cut Pro HD
- Cakewalk Pro Audio/Sonar 3, Sound Forge, Reaktor 4, etc.
- Set-up and maintenance of Win2k/2003 Server, including hardware & software RAID arrays, roaming profiles, good group/local policy design, and basic local security practices
- Set-up and maintenance of OS/X 10.3/10.4 Server, including hardware & software RAID arrays, web service, file service, etc.

### Other

- General end user technical support
- Help Desk/Corporate Data support (IBM Mainframe & AR Remedy+)
- IT-related grant experience

## POSITION-SPECIFIC POINTS

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### Specific Experience (Years)

- Web Developer level 2, 3 or Sr.: 3 years
- Web Developer total: 5 years
- PHP: 5 years
- Drupal: 1 year
- JavaScript: 10 years
- AJAX strategies: 4 years
- Relational databases: 6 years
- Large enterprise system experience: 3 years
- MVC frameworks: 1 year
- SVN: 2 year
- Vault: 1 year
- Apache: 5 years
- Linux: 10 years
- Web caching techniques: 2 years
- Test-driven development practices: 5 years
- Track and fix bugs: 5 years