

**Andrew Moore**

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I am looking for a senior programming position or contract developing web-based applications in perl or python. I work best using linux or solaris machines and writing for that environment. I live near Kansas City, Mo and would like to work locally or telecommute.

## **Useful Skills and Abilities**

### **Programming**

- Extensive **perl** programming experience. Both web-based applications and stand-alone applications
- **mod\_perl**, both using and writing perl modules for Apache with mod\_perl. **HTML::Mason**, **HTML::Template**, **Apache::AuthDBI**, **Apache::Registry**, **Apache::DBILogger**, **Class::DBI**
- Python application development
- Application development using **MySQL** and Oracle backends
- Most development done on **Linux** and Solaris platforms

### **UNIX**

- Administration of Sendmail, BIND, Apache, and MySQL servers
- scripting in bash, Perl, and Expect
- user administration
- Experience on Linux, Solaris, AIX

## **Available code and writing**

- **WWW::Reddit** and **SMS::Send::US::Ipipi**, available on CPAN at <http://search.cpan.org/~amoore/>
- How to Sneak Testing Into Your Development Team <<http://use.perl.org/~amoore/journal/30215>> on use Perl;
- Contributed to **Perl::Critic** and to Perl::Critic::Bangs perl modules on CPAN.
- Some more of my perl projects can be found on my page at ohloh.net: <<https://www.ohloh.net/accounts/amoore>>

## **Work Experience**

### **LibLime**

March 2008 - Present

**Software Developer** for Koha integrated library system <<http://www.koha.org>>

- CGI development with **HTML::Template::Pro** and running on mysql
- Expanded automated test suite using **Test::Class**

- Set up a smoke tester to regularly run the test suite and submit the results to a smolder server

## **Examinetics Overland Park, KS**

June 2004 - March 2008

### **Senior Application Architect** for XM Network

- **Senior engineer** for mod\_perl HTML::Mason application - Approximately 80,000 lines of perl, 650 files of Mason, and 30,000 lines of test code
- Lead project to bring application work in-house from outside development team
- Coordinated work with outsourced development team and lead in-house team
- Spearheaded effort to implement automated unit, functional, and regression tests and practice **test driven development**
- Used **Perl::Critic** to define, enforce, and improve coding standards
- Coordinated secure data feeds of medical data with several vendors and clients
- Began "Brown Bag Lunch" series of internal training workshops
- Linux system administration for approximately 12 machines

## **TEKsystems Kansas City, MO**

March 2003 - June 2004

### **Application Developer**

- **Lead developer** of a mod\_perl based e-commerce website
- Interface with **Oracle**, Postgresql, Microsoft SQL server, IBM RedBack
- Based on **Template Toolkit** (tt2) and Apache::Toolkit

## **Level(3) Denver, CO**

March 2000 - May 2001

### **Engineer**

- Worked on two person team to complete a CGI based customer provisioning system. Written in Perl with Oracle backend.
- Replaced that system with a similar one in Python. Configures 4 different systems needed to provision new managed modem customers, which are ISPs. Reduced time needed to provision from weeks to minutes.
- Development of web-based interface in Python
- Development and use of database access objects in python
- Stored procedures written in PL/SQL

## **DynoDNS.net**

October 1998 - January 2001

### **Owner and founder**

- Designed, wrote, and maintained dynodns.net website.
- It allows users to have a static hostname in the dynodns.net domain point to their server with a dynamic IP address.
- Written in Perl as CGI scripts, using a MySQL backend.
- Used BIND nsupdate features.
- Supported about 15,000 users when I sold it.

## **Handshake.com, Los Angeles, CA**

May 1999 - March 2000

- Product manager for development team of 4 during initial planning and development of www.handshake.com web site.
- Responsible for scheduling of development process.
- Installation and maintenance of many development and office tools such as bugtracking, mail, and DNS
- Maintenance of production web, database, and mail servers. NT 4.0 servers running IIS 4.0 and SQL 7 and Sendmail on Linux.
- Implemented program for monitoring servers and served as primary on-call engineer for emergency support

## **Sprint Reston, VA**

July 1997 - May 1999

### **Operations Engineer**

- Provided 24 hour emergency 3rd level support to the Sprintlink Network Operations Center.
- Worked with large customers and peers to identify and correct major Internet backbone problems particularly with BGP routing, DNS, and circuit outages.
- Maintained Perl scripts which retrieved, archived, and analyzed configurations on over 200 Cisco routers.
- Maintained native multicast network.
- Received Cisco Certified Network Professional (CCNP) certification.

### **Network Operations Center Technician**

- Provided support for dedicated IP business customers.
- Worked with telco to remedy physical problems and identified
- Solved network problems such as BGP routing, DNS, and peering problems.
- Handled circuits from DS0 to OC-48.

### **Associate Engineer**

- 10 week training program featuring course and laboratory work in areas including: TCP/IP remote access, telephony and data communications, ATM, frame relay, and X.25.
- Graduated at top of class.

## **Education**

### **University of Kansas Lawrence, KS**

August 2003 - December 2005

- Received Masters of Business Administration (**MBA**) degree
- Concentration in Finance
- focus on investments, portfolio management, and corporate finance

### **Cornell University College of Engineering, Ithaca NY**

- **Bachelor of Science, Computer Science, 1997**

