

# Chris Scheller

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## Experience

### Independent Web Developer and Systems Administrator

**Concert Pharmaceuticals, inc.** ~ August 2012 - Current

- Developed tools to migrate internal documentation from SciFinder and ReferenceManager formats to Mendeley Cloud Service
- Developed Mojolicious::Lite app to track progress of Mendeley document migration
- Developed Mojolicious app for chemical inventory management with REST API for mobile integration
- Refactored and redesigned internal Catalyst based web application for product tracking
- Developing Mojolicious app to replace existing product tracking system
- Developed Mojolicious app for document management and migrated document library from Mendeley

### Software Development Team Lead

**Merit Network, inc.** ~ Ann Arbor, MI ~ July 2018 - Current

- Responsible for setting direction of software development team
- Represent the software development team to the executive team
- Developed perl library to consume EventEspresso events/registrations/transactions for use in a Mojolicious application
- Developed deployment process for Django applications using Ansible

### Application Programmer / Analyst Senior

**Merit Network, inc.** ~ Ann Arbor, MI ~ July 2017 - July 2018

- Developed code review process for the team to conduct peer review
- Developed a deployment process for Mojolicious applications using Rex
- Implemented more secure password hashing for single-signon application
- Inventoried and documented all applications supported by the software development team

## **Application Programmer / Analyst Senior**

**Center for Statistical Genetics, University of Michigan** ~ *Ann Arbor, MI ~ March 2015 - July 2017*

- Developed tools to manage genetic sequence remapping pipeline
- Implemented deployment process for facebook application
- Provide support and training for HPC cluster with Slurm scheduler

## **Unix Systems Administrator**

**Department of Biostatistics, University of Michigan** ~ *Ann Arbor, MI ~ June 2010 - March 2015*

- Built, documented, and maintained HPC Cluster for Department faculty, students, and researchers
- Built interactive faculty publications page from Google Scholar and Pubmed data
- Developed automation tools for creating algebra assessment tests for incoming students in UMLessons

## **Director of Technology, Software Developer, Systems Administrator**

**Oneupweb** ~ *Traverse City, MI ~ March 2004 - June 2010*

- Responsible for IT staff with 4 direct reports
- Developed new features, and maintained, real-time web based conversion analytics system
- Developed a web based podcast tracking and report system
- Developed tools to tie revision control to ticket system to enforce development policy
- Automated release code roll out procedure

## **Systems Administrator**

**Networkone** ~ *Lancaster, CA ~ February 1999 - October 2001*

- Responsible for ~40 production linux servers for dial-up, dsl, hosted customers
- Maintain network routers and access servers such as Portmaster3, Assured Access, and Ascend
- Developed perl based daemon for server administration and integration to billing system

## **Technical Support**

**Netway Communications** ~ *Sherman Oaks, CA ~ July 1998 - February 1999*

- First level technical support for dial-up and hosted customers
  - Minor systems administrator duties
  - Developed tools to update Radius users database
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## Skills

- perl, bash, javascript, python, css, html, ruby, php, objective-c
- DBIx::Class, Moose, Mojolicious, LWP, App::Cmd
- Linux, MySQL, PostgreSQL, Oracle, SQLite, git, subversion, cvs
- Docker, docker-compose

## Education

- **Studied:** Computer Science, Western Kentucky University, 1997/98
- **Studied:** Commercial Photography, Ivy Tech State College, 1994/95
- **Studied:** Photojournalism, Western Kentucky University, 1993/94

## Community Activity

- Found and former president of the Antelope Valley Linux User Group