

Seeking Perl work internationally, and would be qualified to for working visas in Canada, Australia and EU member countries with an employer's sponsorship. I have traveled to various locations in Mexico, Peru and Chile and speak Spanish with a moderate degree of fluency.

## Technical Skills

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- Languages:** Object-Oriented Perl, Shell scripting, SQL, HTML, Javascript, JQuery, XML, CSS, PHP, Java  
**Platforms:** Mac OS X, Unix, Linux, Windows  
**Technique:** Test-Driven Development, Agile Development, Extreme Programming, Pair Programming, User-Facing programmer, Excellent Communication and Social Skills

## Experience

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### **Software Developer, Strategic Data** - Melbourne, Australia - 2009-2010

- Object-oriented Perl programming using Modern Perl including Catalyst and Moose.
- Postgresql database development.
- Created internal feature demo and code reuse repository.

### **Senior Software Developer, realestate.com.au** - Melbourne, Australia - 2007-2009

- Object-oriented Perl programming.
- Introduced testing and testing standards, organised a Test Club for employees on non-work time
- Undertook major refactoring tasks.
- Gave presentations on Testing and completed Labs projects.
- Encouraged and promoted agile development.

### **Programmer, Rentrak Corporation** - Portland, Oregon - 2005-06

- Object-oriented Perl pair programming in a large-scale report-based statistics application with 300,000+ lines of code and 400,000+ lines of tests.
- Created, tested and maintained data importers and reports.
- Wrote complex SQL queries for Oracle and PostgreSQL databases.
- Developed and improved Site News and Title Matching features.
- Documented extensively on the internal wiki.

### **Lead Programmer, Naked Ape Consulting, Ltd.** - Portland, Oregon - 2003-05

- Lead programmer for an open-source consultancy.
- Acted as Tester and Programmer as defined by the Extreme Programming method.
- Developed a CGI Framework system for use in multiple applications (before there were so many).
- Wrote eleMental Clinic, a mental health patient-tracking system in object-oriented Perl, using PostgreSQL database and Test::\* Suite of modules for testing (<http://www.elementalclinic.org/>).
- Designed and wrote movie-searching kiosk for Movie Madness Video, later ported from PostgreSQL to MySQL.

### **Internship, System Administration** - Salem, Oregon - 2001-02

- Worked for the system administrators of Willamette University, a system with 3,000 users.
- Wrote server log rotation and web server content administration scripts in Perl and Shell script.
- Took courses in TCP/IP, LDAP, DNS, HTTP and DHCP protocols.

### **Other Work Experience**

- **Programmer**, Market Decisions Corporation, 2002

- **Programmer**, Willamette Public Policy Research Center, 2001-02
- **Programmer**, Oregon Health Division, 1998-2001
- **Programmer**, Alpine Datasystems, Inc., 1995-96

### Personal Projects

- JXTAPerl Open Source Project
  - Joined JXTAPerl, an open source project to implement Sun's JXTA P2P protocols in Perl.
  - Designed and implemented network transports involving TCP/IP packet and Object-Oriented Perl knowledge as part of a Senior Thesis Project.
  - Held role of Project Manager as well as Committer and Contributor.

## Education

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**BA - Computer Science, Mathematics** Minor. Willamette University. Salem, OR, 2002

**Honors/Awards:** Presidential Scholarship, Music Scholarship

### Relevant Courses:

Senior Seminar (Writing Network Transports for the Perl Implementation of Sun's JXTA Protocols)

Internship in System Administration

Databases

Discrete Mathematics

Graphic User Interfaces/Simulation

Linear Algebra

Programming Languages

Foundations of Advanced Mathematics

Analysis of Algorithms

Data Structures

### O'Reilly Open Source Convention 2002-06

Tutorials Attended:

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|--------------------------------------------|-----------------------------------------|
| • Network Programming with Perl            | • Introduction to XSLT                  |
| • Advanced Object-Oriented Perl            | • Introduction to the Apache Web Server |
| • Perl and XML                             | • Tricks of the Wizards                 |
| • Intro to Perl Testing                    | • The 7 Principles of Better API Design |
| • Techniques for Writing Maintainable Perl | • Higher-Order Perl                     |
| • Perl for System Administration           | • More Perl Best Practices              |

Presenter:

- Live Perl Testing session, OSCON 2006

### Presenter, Open Source Developer's Convention 2007

- I, For One, Welcome Our New Perl6 Overlords: Using Perl6 Now, OSDC 2007
- Intermediate Perl Testing: (or, How Do I Control This Thing?), OSDC 2007

## Community

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<http://search.cpan.org/~heumann/>

Leader, Portland Perl Mongers (<http://pdx.pm.org>) 2003-06

Member, Portland Perl Mongers 2001-06

Member, Melbourne Perl Mongers 2007-08

**Excellent references available upon request.**

