

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

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

Senior Software Developer, realestate.com.au - Melbourne, Australia - 2007-current

- 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

- JXTA Perl Open Source Project
 - Joined JXTA Perl, 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

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

Publications

"10 Things I Wish I'd Learned With My CS Bachelor's Degree" for O'Reilly Online (in progress)

Community

<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.

