

Sean E. Russell

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Summary of Qualifications

- Eight years of commercial software development experience
- Seven years of commercial Java programming experience
- Six years of commercial Linux administration experience
- Two years of commercial Solaris administration experience
- Two years project and team management experience
- Proven ability in all areas of project development, including design, project, team, and resource management, implementation, documentation, and release
- Knowledgeable about a wide variety of software development tools
- Adept at working with customers to define project scope, setting and maintaining release schedules
- DOD "Secret" security clearance

Selected Skills and Experience

- Programming languages: Java 1.0 through 1.4, with extensive experience with Swing, RMI, JDBC, and Servlet APIs; strong experience with Ruby; shell scripts; C & C++
- 1, 2, and 3-tier architectures, and communication layers
- Development tools: ant, make, CVS, GNATS, etc.
- OOD, OOP, and project management: XP, UML, gantt, patterns
- Unix-ish OSes: Linux (esp.), Solaris, AIX (DCE)
- High level data description languages: XML, XSLT, SVG, PXX
- Security topics: authentication, validation, and encryption
- Database: Oracle, PostgreSQL, DBase II
- Server architectures and APIs: Apache, Tomcat, XML-RPC, LDAP, WebDAV
- Project and team management. Good processes.
- Fluency in German, partial fluency in Esperanto and French

Professional Background and Achievements

- Project Lead / Sr. Software Developer 1998-2002
n-Link Corp.
Bend, OR
US Forest Service. Project lead, developing statistical analysis tools module for nationwide Oracle database(s). Design & development of business logic tier and user interface tier of a three tier system in Java. Linux admin & AIX liaison.
- Lead Software Engineer 1994-1998
University of Oregon
Eugene, OR
Software development (Java), systems administration (Solaris), web maintenance
- Bachelor of Arts and Science in Computer Science. 1995
University of Oregon
Eugene, OR
- Active duty military service 1985-1988
- Programmer 1984-1985
Software Support Services, Inc.
Corvallis, OR
Support and customization of inventory and tracking database applications

Awards and Recognition

- Core JAVA ISBN: 0-13-565755-5
- Java! ISBN: 1-56205-533-X
- Web Page Design ISBN: 0-13-239880-X
- Physics Today (Periodical)
- President, Oregon Java Interest Group 1995-1997
- Honorable Mention in the first Java Programming Contest (Sun) 1995
- President's List, Linn-Benton Community College 1989
- Army Achievement Award 1988
- Meritorious Service Award 1987
- 2nd place Regional Programming Contest (Team) 1983
- President, Computer Club, Corvallis High School 1983-1984
- 5th place National Olympics of the Mind (team) 1983

Career Objectives

To be part of a team that delivers useful, quality product. I believe in the XP (Extreme Programming) philosophy, and believe it to be an important tool for quality control and for the satisfaction of both business (the customer) and development teams.

Travel and management tasks are not problems for me, and I am willing to relocate.

References

Contact information for coworkers, supervisors, and past clients are available on request.

Examples of work

- University of Oregon: <http://javalab.uoregon.edu/vlab>
- Independent work: <http://www.germane-software.com/software>

Hobbies

Downhill skiing is my favorite sport. I have been studying Aikido for a number of years. I am an avid reader, and of course enjoy working with computers. I visit western Europe whenever possible, and have an interest in European historical culture, societies and languages. I am also interested in a number of Japanese passtimes (origami, haiku, bonzai, calligraphy, etc).