

# Lance Finney

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## SUMMARY

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Engineer with seven years experience in software development seeks a position as a Senior Java Developer or Team Leader to apply work experience in Java, database development, testing, and other development technologies, as well as team and leadership skills.

## SKILLS AND TRAINING

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<b>Programming Languages</b>	Java, XML, C, XHTML / CSS, JavaScript
<b>Operating Environments</b>	Windows, Linux
<b>Special Technologies</b>	Swing, J2EE, EJB, MDB, SQL, JDBC, Microsoft SQL Server, PostgreSQL, Oracle, OJB, Ant, Hibernate, Spring, Orion, OC4J, WebSphere, WebLogic
<b>Development Tools</b>	IntelliJ IDEA, cvs, vi, JBuilder, MS Access
<b>Testing Tools</b>	JUnit, CruiseControl, Emma, Abbot, Costello, DBUnit, FitNesse
<b>Methodologies</b>	Extreme Programming
<b>Conferences</b>	JavaOne 2003, JavaOne 2004, JavaPlus 2000, SQL Pass 2002
<b>Certifications</b>	Sun <sup>SM</sup> Certified Programmer for the Java <sup>TM</sup> 2 Platform
<b>Foreign Languages</b>	Russian
<b>Security Clearance</b>	Secret (Lapsed – granted in 1995)

## EXPERIENCE

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DEMAND MANAGEMENT INC., Clayton, MO (*November 2001 – October 2004*)

### Senior Software Developer on the Demand Solutions enterprise team

*Enterprise Web-based Inventory Forecasting, Supply Chain Forecasting, and Requirements Planning Software*

- Developed a Java n-tier application on a team using Extreme Programming
- Created extensive custom GUI components using Swing and JClass
- Worked on EJBs, MDBs, JDBC, a code-generating utility, and an internationalization utility
- Focused on Test-Driven Development, with extensive use of Junit, implementing Abbot and Emma to improve project test coverage
- Ensured application portability on multiple application servers (Orion, WebLogic, OC4J), relational databases (Microsoft SQL Server, Oracle, PostgreSQL), and operating systems (Windows, Linux)
- Expanded an XML schema definition used to upgrade the application's database
- Improved build and testing performance by rewriting Ant build scripts
- Implemented open source projects such as log4j, OJB, JCalendar, and JGoodies FormLayout
- Evaluated GUI testing frameworks, code coverage tools, and test metrics
- Enforced coding standards within the team and led significant refactorings to improve code quality

### *Communications*

- Assisted training Sales Representatives in using and implementing enterprise-level software
- Presented an implementation guide and sample implementation to a user conference
- Presented technical talks on SWT, Java tools (AntGraph, PMD, Abbot, and FitNesse), and Eiffel to fellow developers

### *Leadership*

- Led a book study group for developers on multiple teams throughout the company
- Mentored a junior developer on Java programming, APIs, code design, and coding standards

ANDERSEN LLP, St. Louis, MO (*February 2001 – November 2001*)

### Experienced Consultant

- Achieved Sun<sup>SM</sup> Certified Programmer for the Java<sup>TM</sup> 2 Platform certification
- Completed four weeks of Java BootCamp training
  - Was awarded Top Gun, the highest honor, by classmates and instructors
  - Worked on core Java, Servlets, JSP, XML, EJB, and WebSphere server
- Contributed to firm-wide Java coding standards
- Coached a campus recruit during the application process
- Organized company participation in a campus-recruiting event at Washington University
- Wrote local news broadcast segments on personal uses of the internet

CSC CONSULTING, St. Louis, MO (September 1997 – February 2001)

### Java Development

*Online reservation system for a car rental company (July 2000 – November 2000)*

- Developed and unit tested Enterprise JavaBeans based on minimal specifications
- Wrote user documentation and supported client testers implementing a new application of the code
- Reviewed the code of co-workers for standards and code design

*Intranet portfolio management application for a brokerage company (March 2000 – July 2000)*

- Implemented GUI components within a Model-View-Controller design pattern using Swing
- Designed and wrote several Enterprise JavaBeans and Java Applets
- Unit tested using JUnit
- Designed and built objects from UML use cases and sequence diagrams

### Database Development

*Project status reporting at a large insurance company (April 1999 – March 2000)*

- Automated data collection and manipulation
- Designed and developed MS Access databases and reports used to plan the annual strategic direction
- Extracted data from Lotus Notes and Oracle databases using ODBC connections

*Preliminary Y2K assessment for a silicon wafer manufacturer (January 1998 – April 1998)*

- Customized and maintained an MS Access database to coordinate data collection
- Controlled database security, validated application and embedded systems inventory data, and redesigned forms and reports to adhere to GUI standards

### Testing

*Process control system for a large pharmaceutical company (March 1999 – April 1999)*

- Tested and debugged an application written in POMS

*Reporting system for an insurance company (November 1998 – February 1999)*

- Wrote and executed system tests and maintained records for the testing group

*Y2K testing for a business credit corporation (April 1998 – October 1998)*

- Tested multiple mission-critical applications on Windows and VAX for Y2K compliance
- Worked individually with users and technical support personnel to develop comprehensive test plans, investigate issues, and communicate Y2K defects

### Team and Leadership Skills

- Mentored a junior consultant, advising her on career, training, and project issues
- Served as Secretary and Vice-Chair for office Internet Special Interest Group
- Presented an introductory JavaScript tutorial
- Planned a Quarterly Business Meeting, handling logistics for a five-hour meeting for sixty people

### EDUCATION

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UNIVERSITY OF MISSOURI, St. Louis, MO	Courses include – Computer Systems, Software Engineering,
<b>Master of Science</b> – Computer Science (in progress)	Programming Languages, and Computer Networking

WASHINGTON UNIVERSITY, St. Louis, MO	
<b>Bachelor of Science</b> – Chemical Engineering	Minor – Russian Studies
<b>Bachelor of Science</b> – Systems Science and Engineering	Graduation Date – May 1997

### HONORS AND ACTIVITIES

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President – Washington University Engineering School Alumni Advisory Council  
Chief Adviser – Tau Beta Pi Chapter at Washington University School of Engineering  
Langsdorf Fellow – Full tuition merit scholarship from the Washington University Engineering School  
Completed courses in Core Java and Object Oriented Programming through JavaRanch's Java College.  
Personal Web page – <http://www.europetravelogue.com>, which uses valid XHTML, valid CSS, and several open source php packages  
Washington University Engineering Alumni Mentor – Assisted college juniors in preparing for graduation and the job market