# Tom Hermann

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## Summary

Agile software developer specializing in test driven Java development

## Technical Skills

### Languages

Java, Groovy, bash scripting, SQL, PL/SQL, PHP, C, C++, HTML, CSS, JavaScript, jQuery

### Technologies

* **Java:** Spring MVC 3, REST Easy, Spring Framework 2.5-3.1, Spring Roo, Struts 1, Struts 2, HttpServlets, Velocity, Tiles, Google Guava, Apache Commons (lang, io, httpclient)
* **Messaging:** JMS, RabbitMQ (using spring-amqp)
* **XML/JSON:** Apache dom4j, JAXB, Castor, Google Gson, Jackson JSON Processor
* **DB:** Spring JDBC, JDBC, Hibernate (with JPA annotations), GORM
* **Testing:** jUnit, Mockito, Hamcrest, HtmlUnit, Selenium, Fitnesse, Concordion

### Platforms / Tools

* **OS:** Linux (Ubuntu, Arch), Windows, Mac OSX
* **Servers:** Tomcat 6-7, Weblogic 9.2-10.3, Jetty, Apache httpd, lighttpd
* **DB:** Oracle 10g/11g, MySQL, HyperSQL
* **Version Control:** CVS, SVN, Git
* **Tools:** Apache Ant+Ivy, Maven 2, Gradle, Jenkins (Hudson) CI, Eclipse IDE, Springsource STS

## Experience

#### CARFAX Banking and Insurance Group

2009-Present

* Participated in frequent estimation, daily huddles, weekly planning games, and weekly retrospectives to ensure good communication between our four person development team and project stakeholders
* Built custom XML web services for banks, credit unions, and insurance companies
* Produced HTML reports using XML and XSLT
* Reimplemented our public facing website using Struts 2, Tiles, and Spring
* Introduced Spring Framework for dependency injection -- using both XML and Java based configuration
* Converted all products to Spring JDBC from an in-house JDBC framework
* Created a multithreaded vehicle data processor to quickly run large batches of VINs in order to ensure data quality
* Built an e-mail service that can send formatted HTML e-mail using Spring Framework, Apache Velocity, and the JavaMail API
* Built an SWT based system tray application that monitors the status of the jobs on a Jenkins continuous integration server
* Implemented a file upload handler that uses Apache POI and Weblogic JMS to asynchronously process batches of VINs uploaded to the website

#### CARFAX.com

December 2006-2009

* Worked with a team of eight developers to plan, estimate, and implement new features on CARFAX.com
* Converted legacy ColdFusion pages into Struts 1 actions by refactoring any business logic out of the display
* Built and maintained new Java based credit card process to replace existing ColdFusion purchase path
* Created and maintained the free features of CARFAX.com, including VIN checks for certain types of vehicle flags
* Maintained the vehicle search portion of carfax.com, which offers paginated results of vehicles given search criteria
* Added support for the Auto-Lead Data XML Format to programmatically submit sales leads to car dealerships
* Added Spanish language support to large portions of the CARFAX.com purchase path using Struts , Apache Tiles, and message bundles
* Worked closely with QA team to implement new testing functionality using the Fitnesse Acceptance Testing Framework, Selenium, HtmlUnit, and HttpUnit

## Education

#### Bachelor of Science in Computer Science

Missouri University of Science and Technology – Rolla, MO

2002-December 2006

* Major GPA: 3.66, Overall: 3.45
* Minor in psychology