

DANIEL J. ALLEN

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EDUCATION

- 1996-2000 **Bachelor of Science in Materials Science and Engineering, Cum Laude**
Cornell University, Ithaca, NY
- Notable courses: Intermediate Programming (Java), Organic Opto-Electronics, Electronic Circuits
 - **3.5 GPA**, Awarded Materials Research Society (MRS) Undergraduate Research Scholarship, 4 year Letter Earner on NCAA Collegiate Swimming & Diving Team
- 2000 - 2001 **Graduate Student, Materials Engineering**
University of California at Santa Barbara, Santa Barbara, CA
- Enrolled in NSF's Integrative Graduate Education and Research Traineeship (IGERT) Program
 - Served as Materials Science Teaching Assistant: Introduction to Materials Science
 - Programmed a grade tracker program in PHP/MySQL

SKILLS

<i>Program Languages</i>	<i>Tools and Frameworks</i>	<i>Servers/Applications</i>
Java, Java EE, JSP, Facelets	Ant, Maven 2	Eclipse, NetBeans, IntelliJ IDEA
PHP4, PHP5	Struts, JavaServer Faces	Oracle 9i, 10g
XHTML, CSS2, XML, XSLT	Hibernate, JPA, EJB 3	Weblogic 6.1, 8.1
Unix shell (bash, zsh)	Spring, Seam	JBoss Application Server 4.2
Javascript, DOM	JUnit, TestNG, HttpUnit, Cactus	Apache Web Server
Ruby	Ajax	Apache Tomcat 4, 5, 6
SQL, PL/SQL	CVS, Subversion	MySQL

WORK EXPERIENCE

- Feb 2007 to present **Tetra Tech Services, Inc.**
Software consultant
- Provide expert advice on Java EE, Hibernate, JPA and Seam
 - Develop rich JSF components for GIS interfaces
 - Write technical documentation and proposals for enterprise applications
 - Setup project builds and infrastructure
- June 2007 to present **Manning Publications**
Author of Seam in Action
- Covered topics includes: Seam, JSF, Hibernate, JPA, EJB 3, Facelets, Unified EL, AOP, Ajax
 - Studied the Seam framework in preparation for and continuing through the writing process
 - Designed a sample application demonstrating features of Seam and my understanding of Java EE
 - Created over 100 diagrams to explain Seam's behavior
- Oct 2005 to Feb 2007 **CodeRyte, Inc.**
Senior Software Engineer · Bethesda, MD
- Develop user interfaces for medical coders to review medical transcriptions based on NLP
 - Interface with the NLP engine to validate medical codes and to retrain engine
 - Build internal tools for managing clients and client configurations (CRM)
 - Port features from an existing application in Perl CGI to a JSF/Spring application

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- Oct 2004 to Oct 2005 **Fiserv eLending Services**
Senior Development Engineer · McLean, VA
- Financial elending platform built on J2EE stack targeted at Weblogic 8.1 application server
 - Member of an eXtreme Programming (XP) team
 - Migrated many JSP pages to CSS-based layouts to enhance the application's branding capabilities
 - Built functionality using a J2EE MVC framework for the frontend and EJBs/DAOs for persistence
 - Customized XPlanner tracking tool to the needs of the division and replaced a legacy application
 - Advocated a development wiki for documentation, which became an overwhelming success
- Mar 2004 to Oct 2004 **Civilian Personnel On-Line, SI International @ U.S. Army Human Resource Command**
J2EE Developer · Alexandria, VA
- HR portal developed on Eclipse 3.0 for BEA Weblogic Portal 8.1, powered by Oracle 9i
 - refactored existing web-based modules interacting with EJBs using Jakarta Struts (MVC)
 - developed custom tag libraries to simplify workflow and output data in a consistent manner
 - simplified templates using XHTML and CSS, providing a consistent look for all modules
 - wrote Ant build scripts to handle compilation, packaging, and deployment of modules
- Aug 2003 to Mar 2004 **Financial Asset Management System, Telecommunication Systems, Inc. @ DTS-W**
Systems Analyst · Rosslyn, VA
- Project lead for the web application team
 - Developed frontend for an existing Oracle 9i driven client-server CRM and financial application
 - Created a custom MVC web application framework in ASP/JScript modeled after Jakarta Struts
 - Built application modules, including a customer profile editor, billing invoice and reports view, and a customer administration console
 - Designed the user interface of the web application using web standards and CSS layouts
- Mar 2001 to Feb 2003 **Fringe Facts Online, Benefit Software, Inc.**
Software Developer and Architect · Santa Barbara, CA
- Recognized as having "enthusiasm and zeal for programming" and "helped move the programming department and company to a more professional and efficient level"
 - migrated a legacy db-oriented website to a relational database driven object-oriented web application using PHP, PEAR, MySQL, and XML
 - Setup and administered the company's production Red Hat 7.3 Linux server
- ongoing **Mojavelinux.com**
Independent Software Consultant
- Services include object-oriented web application design and development, training and advice
 - Specialize in Java EE and the Seam framework
 - Author journal articles for IBM developerWorks and JavaWorld
 - Review books for Manning Publications and Sams Publishing
 - Committer on the Seam project
 - Created Studs MVC Framework+, bringing the Jakarta Struts Framework to PHP
 - Developed various web applications using Seam, Spring, Struts, Hibernate and JSP/JSTL

PUBLICATIONS

Allen, Dan. 2008. Seam in Action. Greenwich, CT: Manning Publications.

Allen, Dan. 2008. "Spring into Seam, part 1: build a Spring-Seam hybrid component."

<http://www.javaworld.com/javaworld/jw-04-2008/jw-04-spring-seam.html>.

2008. "Spring into Seam, part 2: when stateless and stateful collide."

<http://www.javaworld.com/javaworld/jw-04-2008/jw-04-spring-seam2.html>.

2008. "Spring into Seam, part 3: persistence for two."

<http://www.javaworld.com/javaworld/jw-05-2008/jw-05-spring-seam3.html>.

Allen, Dan. 2007. "Seamless JSF, part 1: an application framework tailor-made for JSF."

<http://www-128.ibm.com/developerworks/java/library/j-seam1/>.

2007. "Seamless JSF, part 2: conversations with Seam."

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<http://www-128.ibm.com/developerworks/java/library/j-seam2/>.

2007. "Seamless JSF, part 3: Ajax for JSF."

<http://www-128.ibm.com/developerworks/java/library/j-seam3/>.

AWARDS AND ACHIEVEMENTS

Sept 2000 Integrative Graduate Education and Research Traineeship (IGERT) Program Awardee - NSF
ongoing Committer on the Seam project
 Also play an active role in the development of other open source projects by reporting bugs,
 submitting patches, writing reviews and posting ideas. Projects: Spring, Maven 2, Eclipse, Firefox

REFERENCES

Available upon request.