# Employment

## Software Developer in Test - Overstock.com, Salt Lake City April 2011 - present

* Led automated testing effort for high impact webpages on Overstock.com that increased over 2% revenue
* Created and maintained **test plan** & test metrics for Integration Testing using [Testlink](http://www.testlink.org)
* Coordinated with business for requirements gathering and **project planning**
* Java development utilizing technologies such as **Hibernate**, [Jamon templates](http://www.jamon.org/) as views and Mockito & JUnit for unit testing

## Software Development Intern - WebMD Health Services, Portland (3 months) June 2010– September 2010

* Drove 3 internal web-forms projects in C#.NET & JQuery with a team of interns that included 2 other software developer, 1 graphic designer & 1 marketing intern
* Conducted user experience testing, demo to the Vice President of Technology & helped in requirements gathering and mockups
* Test Driven Development **(TDD)** using Rhino Mocks framework & NUnit

## Assistant System Engineer - Tata Consultancy Services Ltd, India (2 years) August 2007– August 2009

* Manage team of 3 that was responsible for the generation of critical **financial reports** & co-ordinate with clients
* Ensure healthy Operations of **production servers** of State Bank India by writing UNIX shell scripts and PL/SQL
* Perform DBA activities for CA Autosys server

## Graduate Teaching Assistant - Oregon State University (1.5 years) September 2009 – March 2011

* Courses: CS361 – **Software Engineering** I and CS261 – Data Structures
* Conduct recitations to teach efficient ways to implement Data structures in C

# Projects

## [jTutors: Web-based Intelligent Tutor for Java APIs](http://hdl.handle.net/1957/20562) September 2010 – March 2011

* Devised the **algorithm to judge relevance** of code examples available on the web and highlight best practices recommended for any available Java API
* Conducted **user study** on students from the University and applied Heuristic Assessment to evaluate the software

## Website [dahotre.com](http://www.dahotre.com) May 2011 - present

* Helped me to learn and practice various **popular web services**, APIs and latest Internet trends such as integration with Facebook, SEO using RDF, Google Adsense, Amazon.com Affiliates & Recommendation engines
* Web development using **Ruby on Rails**, HTML 5, CSS 3, JQuery & SQLite
* Systematic approach for development by utilizing Subversion ([svn.dahotre.com](http://svn.dahotre.com/viewvc.cgi)) and feature planning in Scrumdo.com

# Publications

* A. Dahotre, V. Krishnamoorthy, M. Corley, and C. Scaffidi, Using intelligent tutors to enhance student learning of application programming interfaces. *J. Comput. Sci. Coll.* 27, October 2011.
* A. Dahotre, Y. Zhang, and C. Scaffidi. A Field Study of Animation Programming in the Wild, *IEEE International Symposium on Empirical Software Engineering and Measurement*, 2010.
* C. Scaffidi, A. Dahotre and Y. Zhang, How Well Do Online Forums Facilitate Discussion and Collaboration Among Novice Animation Programmers?, *SIGCSE’12*, February, 2012.

# Languages and Technologies

* Java, Ruby on Rails, Selenium/Webdriver, JQuery, C#.Net, Jamon, Hibernate, JUnit, TestNG, Mockito, HTML, CSS
* SVN, JIRA, Testlink, Eclipse IDE, TextMate, MS Visual Studio 08, Oracle, SQLite, UNIX shell

# Certifications

* Oracle Database 10g Administrator Certified Associate (February 2009)
* National Stock Exchange (NSE) Certification in Financial Markets (NCFM) (May 2008)

# Education

## Oregon State University, Corvallis Fall 2009 – Winter 2011

M.S. in Computer Science. GPA: 3.6

## Veermata Jijabai Technological Institute (VJTI), Mumbai August 2003 – July 2007

B.E. in Information Technology, Aggregate: 65% (Approx. GPA: 3.2)