

Ed Johnson

Contact Information:

San Francisco, CA 94115

<http://edwardotis.com>

Phone:

415.336.xxxx mobile
edATedwardotis.com

TECHNICAL SKILLS:

Programming: Java, Spring, Hibernate, XML, TestNG, JUnit, Mockito, Test Driven Development, RESTful Web Services, SQL, Maven, Database design;

Familiar with PHP, C++, C, Memcached, Amazon EC2, S3, STL;

Server Software: Tomcat, Apache, IIS

Databases: MySQL, Oracle, MS SQL Server;

Software: IntelliJ, Eclipse, Cygwin, g++, Perforce, SVN, CVS, Firebug, Tamper Data, Valgrind, Jmeter, Hudson, Visio, MS Office Suite;

Operating Systems: Linux, Mac OSX, Windows;

EDUCATION:

MS, Computer Science; San Francisco State University; San Francisco, CA, Dec. '06.

Bioinformatics Certificate, Cal State Hayward, Hayward, CA, June, '04

ABJ, Public Relations; Minor: Spanish; The University of Georgia 30602; Athens, GA, June '98

WORK EXPERIENCE:

Full time:

Senior Software Engineer: Rearden Commerce, Foster City, CA, May '09 – Present

- * Implemented backend restful web services for new small business Expense Reporting application built with Java 6, MySQL, Hibernate, Spring, RESTEasy, JSON, Maven, Tomcat stack in clustered environment
- * Designed and implemented rest interfaces to support zero downtime rolling releases. (Schema changes still took place ahead of rolling release during company's scheduled downtime.)
- * Implemented RESTful interface for complex partial updates of application's core entity.
- * Designed and implemented robust, cluster safe, web service to integrate leading 3rd party meeting management tool, StarCite, with Rearden's existing enterprise travel application. Created mock StarCite web service with ability to manually trigger range of error conditions for Dev and QA Automation purposes.
- * Implemented various features and bug fixes to 10 year old code base for Rearden enterprise travel web application on Java 5, Oracle, Hibernate, Struts, Spring, Ant, XML, Tomcat 5 stack

Software Engineer: Widgetbox, San Francisco, CA, Nov '07 – Nov '08

- * Developed, tested and released new features to Java EE 5 web applications in 2-3 week sprints for rapidly growing audience of 55+ million unique monthly visitors and 100,000+ developers
- * Implemented scalable software practices using Java, Spring, Hibernate that handled >100% growth over 12 months to become the 28th largest network on the web measured by unique visitors (<http://www.quantcast.com/p-3ayZhMX92Pd1o> - 10/2008)
- * Worked in small teams, using agile development practices including daily scrums, pair programming, peer review and test driven development
- * Quickly learned Adobe Flex and Bebo REST API in order to code a web widget which has grown to 50,000 users
- * Researched and solved custom search scalability problem by integrating Google Custom Search web service into Widgetbox Custom Gallery platform. Enabled full text searching of user generated widget galleries
- * Created RESTful RSS, ATOM and JSON feeds for consumption by 3rd party websites to create custom widget galleries
- * Built suite of tests using Selenium-based tool to automate regression testing of web application

Lead UE Developer, AnswerThink, Atlanta, GA, August '98 – May '00

- * Managed front-end production effort of the world's largest auto parts e-commerce site: NAPAonline.com
- * Implemented and maintained sites ranging from promotional sitelets to large scale rollouts for numerous Fortune 500 clients, such as UPS, IBM, BellSouth, and NAPA Auto Parts, using HTML, Javascript, CSS
- * Trained new AnswerThink developers. Trained existing NAPA employees to take over maintenance of their site.

Consulting Projects:

Software Engineer and Project Manager: The Henne Group, San Francisco, CA, October '08 – May '09

* Managed technical resources and client relationships for web survey project with Securities and Exchange Commission that collected data from every company listed on NYSE and NASDAQ

* Load tested vendor's web app from Amazon EC2 using Jmeter prior to launch. Designed and implemented database sharding solution in ASP resulting in >500% increase in maximum concurrent users. Launched and completed project on schedule.

Systems Administrator: The Arns Law Firm, San Francisco, CA, March '03 – March '07

* Installed servers, designed and implemented Distributed Active Directory, Group Policy Objects, DNS, IIS, VPN for these three small businesses

* Managed daily server support, technology purchasing, web applications, and all other technical requirements, while studying for Masters degree in Computer Science

* Interviewed and trained IT staff

Systems Administrator: The Henne Group, San Francisco, CA, September '04 – March '07

Systems Administrator: Wyoming Call Center, Greybull, WY, September '05 - Jan. '06

Software Engineer: College of Behavioral and Social Sci., SFSU, San Francisco, CA, 2003

Designed and implemented a Resource Reservation Calendar Web Application in Adobe ColdFusion and MS SQL Server

UE Developer: InfoWorld Magazine, San Mateo, CA, April '01 - May '01

Coded tail end of website redesign project with extremely aggressive schedule using HTML, CSS, Javascript and Photoshop - Launched on time

Senior UE Developer: NAPAonline.com, Atlanta, GA, August '00 – Oct. '00

Designed and coded a new business to business site's user interface, application flow, and graphics using HTML, Javascript, CSS, and Adobe Photoshop

SOFTWARE PROJECTS:

[Divisatech MyMedia:](#)

* Designed and implemented a web application that syncs Flickr and Facebook: Asynchronously copies Flickr photos and videos to Facebook. Syncs Facebook name tagging back to those photos on Flickr

* Built with YUI Grids, Spring MVC, Hibernate, MySQL, Maven, Tomcat, Hudson, SVN stack.

* Utilized Java Executor Framework and fixed thread pools to efficiently manage heavy load without exhausting resources

[HIVM:](#) (open source)

* Created an application for Prediction of HIV Drug Resistance using Support Vector Machine algorithm. Written in fully cross-platform C/C++, using Boost.org libraries, LibSVM, Test Driven Development, MS Visual Studio 2003, g++, Valgrind, gnuplot, Vmware Server (for testing multiple platforms) and Subversion.

* [Acknowledged](#) for debugging a memory leak in LibSVM, a widely used software for support vector classification

[Phlickr:](#) (open source)

* Contribute and release bug fixes to PHP 5 library designed to wrap the web service API provided by Flickr

[Export Photos Too:](#)

* Created Facebook web app in PHP 5 and MySQL that asynchronously backs up a user's tagged photos for downloading

SOFTWARE PORTFOLIO AND BLOG:

<http://edwardotis.com>, <http://edwardotis.net/tech>