

# Kathy Lin

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## Booz Allen Hamilton

**Associate, Software Developer**  
August 2004 to Present

### Automated Identity Management System (AIMS)

LEAD DEVELOPER for rapid application development that emphasized a rich user experience. Interacted directly with client to derive requirements and develop a product that provided tangible end user value.

CREATED automated load and performance tests and participated in user-pilot functional testing.

TECHNOLOGIES: Jboss 5, Java 6, Alfresco 3.0, JBoss Seam, HP LoadRunner 9.0, JIRA, Maven

### Biometric Intelligence Resource (BIR)

TASK LEAD for the thin client (web application) portion of the system, which utilized web services to provide a single point of interaction for analysts to search and analyze biometrics data.

COORDINATED DEVELOPMENT amongst staff, both technical and non-technical, estimated schedules, managed risks and pitfalls, handled on-site configuration management and application installation.

DESIGNED & DEVELOPED a professional, dynamic, and consistent interface using CSS, Dojo JavaScript library, and Adobe Photoshop and upgraded existing frameworks.

TECHNOLOGIES: JBoss 4.2, JBoss WS, Apache Tapestry 4.1.1, Dojo 0.4, CSS, SWT, Hibernate, Spring, Ant

### Global Disease Sentinel Network (GDSN)

LED INTEGRATION AND IMPLEMENTATION efforts with a 3rd party search engine developed by FAST Search and Transfer as the primary point of contact between upper management and the FAST sub-contractors.

DEVELOPED a rich user interface for a web based searching and alerting system with BEA WebLogic.

COLLABORATED with the team integrating responsible for geospatial functionality, developed an AJAX interface for the static map images returned from ESRI's ArcIMS server.

TECHNOLOGIES: BEA WebLogic 8, WebLogic Portal, YUI JavaScript 2.2, ESRI ArcIMS

### NGA Performance Analysis Tool (NPAT)

PROVIDED MAINTENANCE support for a Java/Swing application that interacts with an Oracle database.

INTEGRATED changes seamlessly into existing code bases, addressed numerous enhancement requests.

FACILITATED cross-group interactions between non-technical clients, upper management and developers, interacted directly with the customer to provide the most efficient support.

## L-3 Communications, GSI

**Software and Web Developer**  
August 2003 to August 2004

### Automated M-22 Broadcast (AMB)

REPLACED a legacy system (applet embedded in a web page) with a J2EE web application, created all pages for the web based user interface using JSP and tag libraries (JSTL).

DESIGNED and implemented business logic to reproduce functionality of the legacy system.

AUTHORED and contributed to software design and standard operation procedure documentation, performed regression tests.

# Technical Skills

**WEB DEVELOPMENT** AJAX, CSS, JavaScript (YUI, Dojo, RichFaces), PHP, ColdFusion, XML, XSLT

**USER INTERFACE** Practical knowledge of a variety of traditional artistic media; well versed in 2D/3D elements and principles of design. Familiar with Adobe Photoshop, Illustrator, Gimp.

**JAVA/J2EE** Solid knowledge of J2EE applications from design, development, and deployment. Experience with frameworks such as Spring, Hibernate, Apache Tapestry, JBoss Seam.

**APPLICATION SERVERS** Oracle OC4J, BEA WebLogic, JBoss 4 & 5, Tomcat 5

**DATABASES** Oracle (PL/SQL), MySQL

**PROJECT AND CONFIGURATION MANAGEMENT** Modified spiral, Agile (Scrum), and Rational Unified processes.

**TESTING** Experience with automated load/performance and functional testing using HP LoadRunner and HP QuickTest Pro.

# Education and Other

## **Masters of Science, Management of IT**

MAY 2009, the University of Virginia (McIntire School of Commerce)

## **Bachelors of Science with Distinction, Computer Science**

MAY 2003, the University of Virginia

DEAN'S LIST: Fall 2000 – Spring 2003

## **Security Clearance: Active, TS/SCI**

2003, Single scope background investigation, renewed in 2008