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# Glen R. Goodwin

Laurel, MD 20723

arei@usa.com

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## Experience

October 2008 to Present

**User Experience Technologist/Senior Software Engineer**, Vision Systems & Technology Inc. (VSTI), Ellicott City, Maryland

- Chief User Experience expert for multiple Government customer projects.
- Envisioned and implemented user interfaces and visualization solutions for multiple government agencies using Java, Adobe Flex, JSPs, HTML, Javascript, Servlets, CSS, REST, Web 2.0 concepts and Ajax Methodology.
- Lead User Interface architect and developer across multiple projects.

November 2006 to October 2008

**User Experience Technologist**, DDK Technology Group, Chantilly, Virginia

- Designed and implemented cutting edge Web 2.0 User Interfaces in support of Department of Defense technology efforts leveraging HTML, CSS, Javascript, Java Servlets, JSP, XML, and XSL in an Ajax Methodology.
- Served as mentor in Web 2.0 Concepts, Ajax Methodologies, JavaScript, and Cross browser integration efforts.
- Provided expertise and advice to multiple projects and teams throughout development life cycle to enforce Usability and User-Forward design.

November 2005 to November 2006

(Converted from Matrixx Group contractor to Mcdonald Bradley permanent employee in March 2006)

**Software Engineer IV**, Mcdonald Bradley, Herndon, Virginia

**Software Engineer IV**, Matrixx Group, Herndon, Virginia

- Designed and implemented cutting edge User Interfaces with focus on Visualization and Human Computer Interaction.
- Development of User Interface applications using Java Swing, Google Web Toolkit (GWT), Java Servlets, HTML, JavaScript, CSS, XML and XSLT.

October 2001 to October 2005

(Converted from Ajilon Consulting contractor to General Dynamics permanent employee in February 2003)

**Principal Software Engineer**, General Dynamics, Arlington, Virginia

**Software Engineer II**, *Ajilon Consulting*, Rockville, Fairfax & Arlington, Virginia

- Performed as the primary User Interface expert employing advanced Java Technologies (Swing, Servlets, JSP, JXTA, Java 2D) to architect and develop critical research applications.
- Acted as lead Java Technology Expert, mentoring other team members on Java best practices and Java related technologies.
- Championed professional design methods across all development including Look and Feel, Localization, Accessibility, Componentization, Portability and Object Oriented Design Patterns.

November 1999 to October 2001

**Senior Product Engineer**, *Starbase Corporation*, Alexandria, Virginia.

- Served as primary User Interface Architect implementing several core technologies using Java, Java Swing, AWT, XML, RMI and Java Servlets.
- Championed major usability changes across the entire product line including look and feel, localization, accessibility, and performance.
- Lead product wide Configuration Management and Deployment solutions, initiating formal build and release cycle.

March 1999 to November 1999

**Build & Release Engineer**, *Concept Five Technologies*, Burlington, Massachusetts.

- Developed technology for the installation and implementation C5's CORBA Security products on Windows and Unix platforms using Java, Perl, Javascript, and shell scripting.

September 1993 to March 1999

**Computer Services Coordinator/Developer**, *Northeastern University School of Law*, Boston, Massachusetts.

September 1993 to January 1996

**Supervisor**, *Northeastern University Division of Academic Computing*, Boston, Massachusetts.

September 1985 to June 1987

**Computer Programmer & Audio/Visual Technician**, *Masconomet Regional*, Boxford, Massachusetts. Programming work in Pascal, Cobol and VAX Basic.

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## Computer Skills

Web Technology	Ajax Methodology, Web 2.0 concepts, HTML, Javascript, CSS, Prototype, Scriptaculous, YUI (Yahoo Libraries), ExtJS, Scriptaculous, Adobe Flex, Adobe AIR, XML, XSLT, HTTP, Google Web Toolkit (GWT), ILog Elixir
Java Technology	Java (1.1.x to 7.0), Java Swing, Abstract Windowing Toolkit (AWT), Java 2D, XML (Xerces, JAX, DOM, SAX), XML DCD, XML Schema, XSLT, Java Servlets, JSP, JDBC, ILOG JViews, Java Messaging Service (JMS), RMI, Sockets, Multi-threading, WebStart, Object Oriented Methodologies
Other Technology	C#, SQL, Perl, Access, Pascal, C, C++, CORBA, BASIC, FORTRAN, COBOL, 80x86/68000/RISC Assembly, Unix Shell Scripting, DOS/NT Scripting
Development Tools	Eclipse, Symantec Visual Café, Borland JBuilder Enterprise (Version 8 and higher), Eclipse IDE, Microsoft Visual Studio .NET, Platinum Technologies Harvest, Microsoft Visual SourceSafe, Microsoft InstallShield, Merant PVCS, CVS, WinCvs, Zerog InstallAnywhere, Borland StarTeam, Perforce, Subversion
Theoretical & Strategical	Web 2.0 Concepts, Ajax Methodology, Object Oriented Design, Compiler Design, Network Planning, Infrastructure & Strategy, Operating System Design
Operating Systems	Microsoft Windows (7, Vista, XP, 2000, NT, 9x, ME, 3.x); UNIX (Solaris, RedHat Linux, HP-UX, & Digital UNIX), VAX/VMS, Apple Macintosh OS (pre OS X)
Networking	TCP/IP, Microsoft Windows Networking, Banyan VINES, IPX, Ethernet
Hardware	PC Compatible, Macintosh, Switches, Routers, Bridges, Cabling
Applications	Apache Web Server, Tomcat, ANT, James; Microsoft Internet Information Server, Access, FrontPage, Outlook, Explorer, Excel, Word, Visio; DBase; Lotus Notes, Ami Pro; Canvas; Photoshop, Photostyler; Macromedia Director, Fireworks; Cuacho Resin; Netscape Navigator, Mozilla Firefox

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## Education

September 1993 to June 1996	<b>Northeastern University.</b> Boston, Massachusetts. Candidate for Bachelor of Science Degree in English Literature with minors in Computer Science and Education. GPA 3.40 / 4.00
September 2003 to Present	<b>George Mason University.</b> Fairfax, Virginia. Candidate for Bachelor of Individualized Studies in Human Computer Interaction. GPA 3.73 / 4.00

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## Certifications and Memberships

Certified ScrumMaster  
Brainbench Certifications (Validation available): Java, HTML 3.2  
Member: Association for Computing Machinery – Human Computer Interaction

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## Clearances

Active Top Secret with SCI and Full Scope Polygraph

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## Other Skills

Team Management, Intermediate Graphic Design and Layout, Theater Projection (unlicensed), Basic Electronics, Audio/Visual Maintenance, Technical Writing

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## Design Examples

Source Code and User Interface Design Portfolio available upon request.

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## References

Available upon request.

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