JESSE WILSON

Honors Bachelor of Mathematics, Computer Science Co-op

University of Waterloo

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Skills

Excellent communication skills

Enthusiastic, motivated and self-starting

Creative problem solver

Technical Proficiency

Fundamentals	Data structures, algorithms, concurrency, performance
Java	Swing (MVC, custom components, **usability**)
	SWT, JUnit, Ant, GCJ, EJB, JSF, JSP, Servlets, JDBC, NIO
Languages	C++, SQL, UML, XML (DOM & SAX), HTML, JavaScript, CSS

Employment

May 2005 – current *Nike: System Analyst*

Member of the user-interface team for Nike's biggest IT project to date. Exercised Swing to provide **intuitive access** to a sophisticated dataset. Used frameworks extensively to simplify problems such as binding, layout, undo, caching, and model transformation.

Designed and developed innovative user interface solutions that made it **more fun** for users to complete their tasks.

2003 – April 2005 *O'Dell Engineering Ltd: System Analyst*

Designed and implemented "O'Dell Business System." Used XDoclet for streamlined development of EJB persistence, relationships, security and transactions. The Java Web Start client uses custom Swing components for **accelerated data access**.

Developed project "Bibliography". It uses custom JavaServer Faces components for **intelligent data entry**. The SWT client is compiled natively and can be used without a JVM.

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Summer 2002	*Bank of Montreal: System Analyst*
	Created a Java web application "Threat Tracking" for dissemination of a daily security digest.
Winter 2001, *Fall 2001*	*Intellitactics Inc.: Quality Assurance Specialist*
	Designed and developed a network utility, "Event Replicator." The Java Swing application sends SNMP, Syslog and other network messages and saves them to XML.
Summer 2000	*UW Arts Computer Experience: Computer Instructor*
	Taught children Internet skills and created camp website.
Summer 1998, *Summer 1999*	*ISM's Computer Camps: Camp Mentor*
	As the senior mentor, taught teens HTML creation and design.
Summer 1998	*IBM Global Services: Web Designer*
	Designed web pages for e-commerce project "Blue Cubed."

Education

1999 – 2004	***University of Waterloo**, Waterloo, Ontario*
	Honors Bachelor of Mathematics, Computer Science.
	Senior courses include algorithms, networks, distributed computing and system performance analysis.

Interests

Programming	**Lead developer of Glazed Lists**, a toolkit for list transformations. The open-source project is the subject of an article on JavaWorld.
	Other projects include a board game and a web photo album.
Sports	Enjoys playing a friendly game of soccer, waterpolo or football. Devoted fan of the Saskatchewan Roughriders football club.
Graphics & Media	Designer of 32 original fonts. "Caffeen Fonts" is referenced by Microsoft's Typography site.