

Sarah Alexandra Happy, BCS
(506)440-2884 - sarah.a.happy@gmail.com
Canadian Citizen

Skills

Design, creation, testing, and debugging of distributed applications.

Load and stress testing of enterprise applications.

Automated test creation based on internal and external requirements, and bug reports.

Five years experience doing web development, and 3 years doing dynamic graphical user interfaces.

Automation and process improvement experience in the areas of maintenance and error detection.

Enjoy test driven development and agile iterative development practices in my own work.

9 years Perl	11 years Linux	8 years Apache Web Server
11 years Problem Solving	5 years Web Development	5 years CGI Scripting
5 years Shell Scripting	6 years SQL	4 years PostgreSQL
7 years MySQL	7 years Database Servers	12 years Application Development
14 years programming	3 years Data Conversion	4 years PGP
3 years Encryption	9 years Bourne Shell	2 years Distributed programming
8 years HTML	9 years Firewall	9 years Internet Protocol (IP)
9 years TCP/IP	8 years Java	1 year ASP
2 year Data Analysis	3 years DNS	2 years BIND 9
2 years C++	2 years C	2 years CVS

Experience Highlights

Automated and simplified administration tasks of WebCT while integrating with the existing university systems, reducing time required and increasing reliability.

Research Quality of Service technologies, including development of in-house software to test the claims of a major networking hardware company about their product.

Design and implement a secure non-redundant network backup and archival solution using write once media for on-site and off-site storage.

Demonstrated scaling issues in several firewall products and a specialized database application.

Create several automated monitors to check server health and notify support staff when issues appear, and to notify me of new email in my mailboxes via SMS.

Work

2 Mar 2007 -- Present	Applied Courseware Tech Inc Software Developer	Fredericton, NB
1 Mar 2006 -- 22 Sep 2006	Applied Courseware Tech Inc Software Developer	Fredericton, NB
Feb 2006	Labor Ready Supply Staff	Halifax, NS
16 Sep 2005 -- 25 Oct 2005	Manpower Inc. Temp. Worker	Halifax, NS
Feb 2004 -- Aug 2005	Garo Consulting Inc. Web Application Programmer	Toronto, ON
Feb 2005	Canada Russia '72 Movie Extra	Fredericton, NB

Education

1997 – 2003	University of New Brunswick Bachelor of Computer Science, co-op, First Division	Fredericton, NB
-------------	--	-----------------

Achieved Dean's list status in 2000 and 2002 for academic excellence. Awarded the Sir George E Foster scholarship, and the Martha Fraser McIntosh scholarship

References

Available upon request.

Revised 2008 April 3