

SKILLS

Technical Skills

- Experienced with the following languages/technologies:
 - Object-oriented and Database: C, Java, Python, SQL, couchDB, Assembly, J2EE
 - Scripting languages: Bash, Perl, JavaScript, PHP, JSON, jQuery, jQuery Mobile
 - Internet and markup languages: XML/XSL, DTD, HTML5, CSS3.
 - Functional and Logic: Scheme, Haskell, Prolog
- Knowledgeable about software development; agile methodologies including extreme programming, software development cycles, Git, Subversion (SVN), testing (PyUnit in Python, and JUnit in Java), IDEs including Wing, Eclipse, IBM Data Studio, Oracle SQL Developer and industry tools like HP Fortify and IBM Cognos Report Studio
- Experience with Microsoft Windows, Linux, Unix, and Mac OSX operating systems
- Experience with web applications frameworks such as Flask for Python and CakePHP
- Proficiencies include refactoring and design patterns, operating systems, web development processes, OSI protocol-layer model, file processing, basic network programming, relational database model, and computer system organization

Interpersonal Skills

- Heightened communication skills resulting from frequent collaborations with co-workers and through weekly team meetings in a software developer role
- Possess the ability to learn new skills quickly as exercised during past employment as a technical analyst required to self-learn JavaScript, J2EE components, JSON, and AJAX in a very fast paced environment
- Excellent problem solving skills demonstrated by developing quick and optimized SQL queries in a database support role
- Excellent time management/organizational skills permitting timely project completions
- Comfortable and experienced working in a team

WORK EXPERIENCE

IBM Canada Ltd.

May 2013 – April 2015

Software Developer

- Provided support to the DB2 Information Development Infrastructure team through coordination with the testers in Translation Service Centers (TSC) from around the world
- Acknowledged for outstanding organizational and time-management skills by monitoring questions related to the different releases of DB2 during the DVT (Document Verification Testing) round including timely creation and uploading of the test cases to the staging server
- Developed a new functionality facilitating getting a file's history for the source files located in the corporate repository to be used by infrastructure team's content management system
- Demonstrated quick learning skills pertaining to technologies like PHP, Perl and applied them to fix any problem reports or requirements opened by the ID department
- Data mining skills strengthened through creation of reports in Cognos Report Studio reflecting the percent complete for each of the different releases and deliverable types

Canadian Imperial Bank of Commerce

September – December 2012

Technical Analyst

- Provided support to the Information Security team through research, investigation, and analysis of industry cyber threats
- Commended for providing a realistic feedback to the SIEM correlation framework for the Malware project resulting in a completely new framework
- Recognized for outstanding analytical and problem solving skills shown by developing a fully tested and automated security model to help categorize data breach events
- Self-learnt technologies like JavaScript, JSON, AJAX, J2EE, JSP, and JavaBeans and successfully applied them in the vulnerability results analysis from the automated code scanning tool HP Fortify
- Research skills enhanced by writing a paper on password strength and pass phrases highlighting the industry trends around the two, and their applicability within the password policy

Environment Canada

January – April 2012

Archives Operation Database Support

- Noted for excellent time-management, communication, and teamwork skills
- Provided support regarding database and application issues through implementation of JavaScript code addressing bulk upload of scanned images to the National Climate Database
- Demonstrated excellent writing skills by developing working technical documentation for NAS, Image, and CHAD databases
- Problem solving skills strengthened by developing numerous SQL queries effectively addressing client requirements

EDUCATION

University of Toronto Scarborough

2010 – Present

Candidate, Honours Bachelor of Science

- Computer Science Specialist Co-op Program, Final year
- CGPA of 3.54 on a 4.0 scale
- University of Toronto Scholar (\$5000)
- Admission Scholarship (\$3000)
- Second Year Honours List (\$200)
- NSERC Undergraduate Summer Research Award (\$4500)

INTERESTS / ACTIVITIES

- Current Teaching Assistant of Numerical Algorithms and Principles of Programming Languages; past Teaching Assistant for the Operating Systems
- NSERC USRA researcher in the Systems and Networks group at the University of Toronto (2015)
- President of Co-op Students' Association (CSA) and VP Membership of Scarborough Toastmasters for 2014-15; current Executive Advisor for CSA for 2015-16
- Member of Toastmasters International organization since 2013; love public speaking
- Enjoy playing Soccer, Squash, Pool/Billiards, Table Tennis, and Cricket
- Enjoy composing poems about real-life events whenever time permits, listening to hip-hop, rap, reading books on personality development, and cooking