Rashna Razdan

4B COMPUTER ENGINEERING

🏠 **Permanent Adderess:** 7▮▮▮▮▮▮▮▮▮▮▮

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🔍 **http://rrazd.github.com**

SKILLS SUMMARY
- Strong web application development skills
- Extensive knowledge of design patterns and object oriented programming
- Strong communication skills proven through technical presentations and documents
- Strong problem solving skills perfected by relevant academic assignments
- Fluent in Hindi (verbal), proficient in Spanish and Russian (verbal and written)

COMPUTER PROFICIENCY
- Expertise in C, C++, C#, Java, JavaScript, JQuery, Google Web Toolkit, HTML5 and CSS3
- Experience with Windows, UNIX, Linux and Mac OS X operating systems
- Knowledge of Microsoft Office Suite, Microsoft SharePoint and Microsoft Visio
- Experience with IDEs (Eclipse, Netbeans, Visual Studios) and version control tools (Git,SVN, Perforce)
- Experience with databases: MySQL, Oracle and MongoDB

EDUCATION
Candidate for Bachelor of Applied Science, Honours Computer Engineering, University of Waterloo, Toronto, Ontario, September 2009 - present

RELEVANT ASSIGNMENTS
Healthy Eating Application, ECE 452, (Software Design And Architecture), August 2013
- Designed and implement a web application using Google Web Toolkit and utilized relevant GoF Design Patterns
- Used Facebook Graph API and Google Web Toolkit Visualizations API for certain features
- Utilized Secure Design Patterns and BCrypt Framework for application security
- Designed application's MySQL database, performed database normalization
- Created UML diagrams to model software architecture during design process
- Used Git for version control

Relevant Courses: User Interfaces, Software Testing, Software Design & Architecture, Algorithms & Data Structures**,** Software Specification, Databases

WORK EXPERIENCE
Product Manager, SAP, Waterloo, Ontario, January/2013 - April/2013
- Performed technical competitive analysis to give employer solid understanding of Adaptive Server Enterprise (ASE) products
- Created stored procedures in order to analyze performance of ASE and competitor database management systems under different workloads
- Conducted presentations for company executives on competitive analysis involving leading databases, such as Oracle 11g

Software Developer, Blackberry, Waterloo, Ontario, January/2012 - April/2011
- Conducted demonstrations of newly developed web application features in department meetings
- Used C# and Visual Studios to develop unit tests for MVC application
- Developed client and server side validation, used custom DataAnnotations
- Created Views for interactive multi page user form using CSHTML, JQuery and CSS
- Participated in Scrum meetings and weekly project planning sessions

Software Developer, Blackberry, Waterloo, Ontario, May/2011 - August/2011
- Added user input validations and implemented the MVC design pattern to web applications using Tomcat; used Java EE
- Used Hibernate framework to implement data mapping for existing web applications
- Wrote test case documents for existing web applications and submitted the documents to senior tester for feedback and approval
- Used Perforce as revision control system

Web Developer and Content Co-ordinator, Bank of Montreal, Toronto, Ontario, August/2010 - January/2010
- Presented completed projects to audiences of ten or more individuals
- Communicated with different departments in order to effectively plan new projects
- Designed and debugged dynamic web pages that included JavaScript and JQuery elements
- Used Microsoft SharePoint to design workflows that optimized usability of many of the intranet web pages
- Created bash scripts to automate conversion of code from HTML to XHTML on all existing web pages

Systems Analyst, City of Waterloo, Waterloo, Ontario, January/2010 - April/2010
- Improved existing windows applications by using XML files to provide a "dynamic report field" option for the Crystal Reports
- Worked with a team to design windows applications; built ASP.NET applications using Visual Studio
- Connected applications to web services and Oracle database
- Used SQL to manipulate data in the Oracle database
- Wrote technical documents that included UML Diagrams; used Microsoft Visio

Software Developer, The French Oven, Toronto, Ontario, November/2009 - December/2009
- Edited the existing website for the company; created a new home page using XHTML, CSS and JavaScript
- Created a robust Contact Us form using PHP and SQL
- Implemented superior search engine optimization and typography techniques; used Adobe Photoshop
- Presented the final website to the marketing department of the company