



Rashna Razdan

4B COMPUTER ENGINEERING

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"It was a pleasure having Rashna on my team. She has a can-do spirit and ensures that the work gets done. She is inquisitive and digs deep into the task at hand."
- Raj Rathee, **Senior Manager Product Management & Marketing at SAP**

Rashna is a smart and hardworking person. She is a very quick learner and always has a positive can-do attitude. During her time as a Co-Op Product Manager at SAP, she produced quality work and always delivered on time. She is a pleasure to work with.
- Vinod Chandran, **Product Manager at SAP**

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