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|  | **HIGHLIGHTED TECHNICAL SKILLS** | | |  |
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| JavaScript ∙ jQuery  AJAX ∙ JSON | Java ∙ J2EE ∙ JSF ∙ JSP  WebSphere Portal ∙ WAS | | | AngularJS ∙ BackboneJS  ExpressJS ∙ NodeJS |
| HTML 5 ∙ XML  RESTful Web Services | CSS 3 ∙ SASS  Bootstrap 3 Framework | | | Git ∙ Mercurial  SVN |
| C# ∙ .NET Framework | C++ ∙ C ∙ Qt Framework | | | WordPress |
| PHP Zend Framework  Versions 1 and 2 | MySQL ∙ PostgreSQL  MongoDB NoSQL | | | Ruby ∙ Python ∙ Visual Basic Adobe Flash ∙ ActionScript |
| Scrum Sprint  Kanban Board ∙ Rally | Ubuntu Linux ∙ Bash  Apache Web Server | | | Windows XP – 10  MS IIS |
| MS Visual Studio  Eclipse IDE ∙ IBM RAD | Selenium Framework  RSpec Automation Testing Tool | | | Debugging  QA Testing |
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| **HIGHLIGHTED SOFT SKILLS** | | | | |
| * Developer with strong analytical abilities and problem-solving skills, capable of resolving tough technical challenges. | | | | |
| * Organized and reliable team player. Experienced in collaborative brainstorming activities and oral presentation preparation. Good verbal and written communicator. | | | | |
| * Quick-learner with a passion for technical knowledge. | | | | |
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| **PROFESSIONAL EXPERIENCE** | | | | |
| **Software Developer (Co-op)** | | | | |
| Royal Bank of Canada | | | January – August 2015 | |
| * Implemented an updated version of the RBC Online Banking debit account web page. Worked collaboratively within a cross-functional team, demonstrated strong communication skills. * Worked on one of the RBC internal projects throughout the design, prototyping, and early development phases. This endeavour aimed at building a project management solution for one of the smaller teams within the RBC Technology and Operations department. * Implemented a “stock price alert” proof-of-concept Android application with desktop component. Push notifications are sent to subscribed users' Android device upon market price fluctuations of selected financial stocks, according to their personal presets. *This app was built in a team of 2 together with Shuvro Deb Datta* | | | | |
| **Software Developer (Co-op)** | | | | |
| D2L (Desire2Learn) Incorporated | | May – August 2014 | | |
| * Added new video metadata management features to the D2L Capture Player. Expanded the D2L Capture automated UI testing framework with 36 new RSpec tests. | | | | |

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| **Software** **Developer (Co-op)** | | | | | | | |
| D2L (Desire2Learn) Incorporated | | | | May – December 2013 | | | |
| * Updated architectural design of the D2L Solution Showcase front-end (BackboneJS), and refactored the front-end to fit with new REST API routes (Zend). Implemented solution integration point management functionality and other new features for the D2L Solution Showcase front-end. | | | | | | | |
| * Developed a Proof-of-Concept commenting and rating system for the D2L Solution Showcase. | | | | | | | |
| * Created new UI views for D2L Solution Showcase with HTML/CSS/BackboneJS, according to UI mock-ups. Added new UI elements to existing views; e. g. menus, modals, WYSIWIG text editor, etc. Performed QA tasks and fixed bugs by request of the technical manager. | | | | | | | |
| **Research Assistant** | | | | | | | |
| Ryerson University | | | March – April 2013 | | | | |
| * Researched, summarized, analyzed technical literary sources for the faculty staff. | | | | | | | |
| **PERSONAL PROJECTS** | | | | | | | |
| **"KinoDB" movie showcase desktop app** | | HTML/CSS/Bootstrap/BackboneJS ∙ Zend 2/REST | | | | | |
| The KinoDB database stores information about movies, e. g. title, plot, cast, cover image ∙ User browses/searches the movie database ∙ User submits movie ratings and comments on movies | | | | | | | |
| *The KinoDB project was built in a team of 2 together with M. Tesfaldet* | | | | | | | |
| **Chat room application** | | | Linux shell application implemented in C | | | | |
| User enters/exits a chat room ∙ User sends/receives text messages ∙ Upon user entry/exit other chat users get notified ∙ User submits a query to find out if another user is present in the chat | | | | | | | |
| **Tetris game custom implementation** | | | Java 7 web application | | | | |
| Player fills up the 2D game space by moving and rotating geometric shapes. Completed horizontal rows are cleared to provide score points. | | | | | | | |
| **Airplane seat reservation software simulation app** | | | | | | Java 7 desktop application | |
| User reserves his/her seat on a flight by selecting a seat on the passenger salon map ∙ User prints his/her boarding pass ∙ Seat bookings are saved/pre-loaded | | | | | | | |
| **EDUCATION** | | | | | | | |
| **Bachelor** **of** **Computer** **Science (Honours, Co-op)** | | | | | | | GPA 3.93 / 4.33 |
| Ryerson University |  | | | | | | Sep. 2011 – Oct. 2016 |
| **Course** **Highlights** | | | | | | | |
| Algorithms and Data Structures ∙ Object Oriented Programming and Design ∙ Operating Systems ∙ Calculus and Computational Methods I,  II ∙ Discrete Mathematics ∙ Linear Algebra | | | | | | | |
| **Extracurricular Activities** | | | | | Ryerson Computer Programming Club | | |
| **Academic Awards** | | | | | | | |
| FCCP Education Foundation Award | | | | | Oct. 2014 | | |
| James H. Rattray Memorial Award | | | | | Nov. 2012 | | |
| Ryerson Dean’s List | | | | | 2011 / 12 ∙ 2012 / 13 ∙ 2014 / 15 ∙ 2015 / 16 | | |