

Ryan D'Souza

ryan.dsouza@hotmail.ca

(416) 995-8450

EMPLOYMENT

Web Developer **Osler, Hoskin & Harcourt LLP** **2012 / 2013 / 2015 - present**

- Collaborated with several departments to develop and maintain solutions on Microsoft SharePoint 2010 platform, classic ASP applications. Used REST API, SharePoint JavaScript Object Model (JSOM), ASP Classic, ASP.NET, AJAX, HTML5, CSS3, JavaScript, jQuery.
- Created graphics with Photoshop for banners on firm intranet homepage, other specialized graphics for special events.
- Helped train legal professionals with the use of SharePoint 2010 website developing functionality.
- Managed the firm's intranet help inbox. Worked closely with I.S. Service Desk and SharePoint administrators to solve issues from members around the firm.
- Developed a SharePoint 2010 web part that reads PDF documents from a document library and displays them embedded in web browser with table of contents. Web part makes query searches asynchronously from client side. Used C#, SharePoint API, JSOM.
- Worked on SharePoint 2010 to 2013 migration project. Created a client sided framework for managing custom apps, specializing in javascript/jQuery, CSS, HTML5, REST API.

Assistant **Scotia Bank** **June 2010**

- Developed excellent teamwork skills by collaborating with co-workers and clients in order to start and complete promotional events on time.
- Commended for possessing great interpersonal skills demonstrated by frequent interfacing with prospective clients.
- Heightened organization skills resulting from effectively managing the program event on several occasions.

EDUCATION

Toronto, ON **University of Toronto Scarborough** **Fall 2009 – May 2015**

- B.Sc. in Computer Science Specialist Co-op Program, Comprehensive Stream, May 2015.
- Undergraduate Coursework: Computational Theory; Data Structures; Operating Systems; Databases; Algorithms; Programming Languages; Computer Architecture; Artificial Intelligence; Software Engineering; Numerical Algorithms; Web Design
- Extracurricular Clubs: The Hub, Association of Mathematical and Computer Science (AMACSS)

Mississauga, ON **St. Francis Xavier Secondary School** **Fall 2005 – June 2009**

- Ontario Secondary School Diploma, June 2009.
- Graduated with Honours
- Completed over 100 hours of community service
- Competed in Interschool Computer Engineering Robotics Tournament

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Mississauga, ON, L5R 3Y6

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TECHNICAL EXPERIENCE AND AWARDS

- **ShopPal** (2016). Implemented a mobile web app prototype for a shopping and grocery management solution with social media integration. Used HTML5, javascript/jQuery, CSS3.
- **Debt-Less** (2016). Implemented a mobile web app for managing debt by creating simple tasks that are easy to manage, using the user payment history. This was for a ScotiaBank hackathon.
- **WatchMy.tech** (2016). Participated in a UFT hackathon to create a mobile web app to stream laptop webcam live feed to your phone so that you can keep watch when you are away from laptop, in order to protect your technology and laptop in case you have to leave for a little bit.
- **Aria** (2015). Participated in YHack hackathon. My team created an artificial intelligence virtual assistant to book flight packages in an intuitive way using machine learning. We used the JetBlue dataset, node.js, socket.io, synonyms API, and web technologies.
- **Emma** (2015). Participated in hackathon by Genesys. Utilized their interactive voice response (IVR) tool to create a real-time virtual appointment booking assistant. Placed in top 5 out of 20 teams. Utilized Google calendar API, Node.js, Socket.io, HTML, JS, CSS, IVR Designer tool by Genesys.
- **CrossLabel** (2015). Pitched product and business plan for a start-up company, to a panel of judges, similar to Dragon's Den. CrossLabel bridges the gap between retailers and consumers in the worldwide e-commerce online shopping business. Won 1st place in UTSC Entrepreneur Expo contest.
- **Aquatic Recognition Index Network** (2014). Worked with biology department to create android application for fish enthusiasts. A.R.I.N. helps to identify species of fish, through crowd-sourcing, image recognition, thread management. Won 2nd place in the UTSC AppStar contest.
- **O.S.S. Matplotlib** (2014). Contributed to open source software Matplotlib (2D/3D mathematical graphics library) in senior Software Engineering course at UTSC using Agile Methodologies. Implemented a 3D quiver plot feature from GitHub wish list. Feature request was accepted into master branch and changelog.
- **TA AID** (2013). Android application completed in Software Engineering course at UTSC using Agile Methodologies. Acts as an organizational management tool for Teaching Assistants. Won 1st place in course contest as determined by panel of professors.
- **IDS Connect** (2013). Worked with IDS department to create android application for international co-op students. Acts as a knowledge management and communications tool designed to enrich co-op experiences. Won 1st place in the UTSC AppStar contest. In active development to be released for UTSC community.

LANGUAGES AND TECHNOLOGIES

- Languages: Node.js, PostgreSQL, SQL Server, ASP.NET, C, C#, XML, XSL, Java, Python, Android, SharePoint JSOM, Unix Shell Scripting, HTML5, CSS3, JavaScript, jQuery (UI/Mobile), Socket.io, PHP, MySQL, Scheme, ML, Haskell, Prolog, PowerShell
- Operating Systems: Microsoft Windows, Linux
- Applications: Microsoft SharePoint, SharePoint Designer, Microsoft Office, Visio, IIS, Adobe Photoshop, Game Maker, Apache Subversion, Team Foundation Server, Mathematica, IDE's (Visual Studio, Eclipse, Wing), FTP (WinSCP, FileZilla), Genesys Designer (IVR)