

## Education

Toronto, ON, Canada	University of Toronto	Fall 2010 – Summer 2015
<ul style="list-style-type: none"><li>• B.A.Sc in Computer Engineering with High Honours, minor in Engineering Business</li><li>• Cumulative GPA: 3.83 out of 4.0 (Dean's Honors List). Graduation date: June 2015</li><li>• Coursework: Distributed Systems, Operating Systems, Algorithms &amp; Data Structure, Databases (SQL), Computer Networks, C++, Object Oriented Programming (OOP), Computer Architecture.</li><li>• <b>Personal Development:</b> Udacity: Web Dev., Python. Coursera: Web App., Startup Engineering.</li></ul>		

## Work Experience

Software Development Engineer	Amazon.com, Toronto	June, 2015 - Present
<ul style="list-style-type: none"><li>• Responsible for building, maintaining and scaling the platform services that serve up product information required for all fulfillments center operations. Java, Ruby, AngularJS, AWS.</li></ul>		
Software Engineer Intern	Marin Software, San Francisco	May, 2013 - 2014 (1 year)
<ul style="list-style-type: none"><li>• Developed backend code in Java for Marin Software's Online Advertising Management Platform as part of the URL Builder pod including writing unit tests using JUnit and Mockito.</li><li>• Enhanced URL building features in the Marin App to support self-onboarding of customers.</li><li>• Reduced significant time and increased reliability in resolving data discrepancies by building an automated asynchronous tracking URL validation system that processes millions of ads daily.</li></ul>		
Software Engineer Intern	Next Mobile (Startup), Toronto	Summer 2012
<ul style="list-style-type: none"><li>• Designed, developed a Blackberry app for Electric Courage – the company's social networking app.</li><li>• Integrated Facebook and Twitter login, employed location services and internal backend services.</li><li>• Successfully built the app and published to the Blackberry App World.</li></ul>		
Computer Vision Research Intern	University of Augsburg, Germany	Summer 2012
<ul style="list-style-type: none"><li>• Researched on object detection methods focusing on PASCAL VOC2007 Object Detection Challenge.</li><li>• Implemented visualizations for the object detection system using OpenCv, Matlab and Microsoft Visual C++ that enabled the evaluations of different detection methods.</li><li>• Optimized the overall object detection system by 30%.</li></ul>		
Engineering Intern	Pentamaster Technology, Malaysia	Summer 2011

## Technical Open Source Projects

- **GitHub Showcase** (2015). A web app that showcases GitHub profiles. GitHub API, AngularJS.
- **Mini YouTube, Mini Facebook** (2015). Chrome extensions that float videos to allow multitasking while using YouTube/Facebook. 5 star rating. 10,000+ active users. JavaScript, CSS, HTML5.
- **NoteNodes, UofTHacks Hackathon** (2015). A collaborative note-taking app that allows users to take notes while watching videos. Team of 2. Heroku, Django, Python, JavaScript, VideoJS, HTML5, CSS.
- **Tag-It Store, AngelHack Kuala Lumpur Hackathon** (2014). Created in 24 hours in a group of 5 an iOS e-commerce app for online shopping. Top 5 finalists among 50 teams. C#, Xamarin, iOS SDK.
- **Distributed Multiplayer Mazewar Game** (2013). Decentralized multiplayer game with synchronization, no single point of failure and load balancing. Java, Apache ZooKeeper.
- **Operating Systems** (2012). Developed OS kernel on Harvard's OS161. C.

## Co-curricular Activities

- **Attendee**, Startup School 2013, Y Combinator.
- **Organizer**, Windows Phone 8 Hackathon 2013, University of Toronto

## Languages and Technologies

- Java (self-taught), C, C++, Python, Assembly, Matlab, PHP, AngularJS, JavaScript, HTML5, CSS3
- Spring, Hibernate, JUnit, Mockito, Eclipse, SVN, Git, Django, Heroku, Linux, UNIX, Mac OS

## Scholarships and Awards

- **Top 5 finalists, Hackathons:** UofTHacks 2015 – 5/112, AngelHack Kuala Lumpur 2015 – 5/50.
- **Top 10%, Competitive Programming:** Evernote CodeSprint – 16/218, Hack A Holiday – 37/436.
- **German Academic Exchange Service Scholarship** (2012): Summer research position in Germany.