

Education

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

Work Experience

Software Engineer	Google, Singapore	June, 2016 - Present
<ul style="list-style-type: none">• Next Billion Users. Java, Android.		
Software Development Engineer	Amazon.com, Toronto	June, 2015 – June, 2016
<ul style="list-style-type: none">• Amazon Fulfillment Technologies – building, maintaining and scaling the platform services that serve product information required for all fulfillments center operations. Java, Ruby, AngularJS, AWS.• Implemented a caching layer for a service that bootstraps catalog data, which reduced the service latency by more than 3 times.• Created an internal website for warehouse associates to set up catalog data.		
Software Engineer Intern	Marin Software, San Francisco	May, 2013 – May, 2014
<ul style="list-style-type: none">• 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.• 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.		
Software Engineer Intern	Next Mobile (Startup), Toronto	Summer 2012
<ul style="list-style-type: none">• Designed, developed a Blackberry app for Electric Courage – the company's social networking app.• Successfully built the app and published to the Blackberry App World.		
Computer Vision Research Intern	University of Augsburg, Germany	Summer 2012
<ul style="list-style-type: none">• Researched on object detection methods focusing on PASCAL VOC2007 Object Detection Challenge.• Implemented visualizations for the object detection system using OpenCv, Matlab and Microsoft Visual C++ that enabled the evaluations of different detection methods.• Optimized the overall object detection system by 30%.		

Technical Open Source Projects

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- **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.

Languages and Technologies

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- 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

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- **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.
 - **Attendee,** Startup School 2013, Y Combinator.
 - **German Academic Exchange Service Scholarship** (2012): Summer research position in Germany.