

Education

Toronto, ON, Canada	University of Toronto	Fall 2010 – Summer 2015
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- 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 Development Engineer	Amazon.com, Toronto	June, 2015 - Present
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- Responsible for building, maintaining and scaling the platform services that serve up product information required for all fulfillments center operations. Java, Ruby, AngularJS.

Software Engineer Intern	Marin Software, San Francisco	May, 2013 - 2014 (1 year)
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- 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.
- Enhanced URL building features in the Marin App to support self-onboarding of customers.
- 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
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- Designed, developed a Blackberry app for Electric Courage – the company's social networking app.
- Integrated Facebook and Twitter login, employed location services and API calls to company's server.
- Successfully built the app and published to the Blackberry App World.

Computer Vision Research Intern	University of Augsburg, Germany	Summer 2012
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- 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%.

Engineering Intern	Pentamaster Technology, Malaysia	Summer 2011
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Technical Projects

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- **Mini YouTube.** A Chrome extension that allows users to watch video while they scroll to read/write comments on YouTube. 5 stars on Chrome Web Store. 7000+ active users. JavaScript, CSS3, 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

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- **Attendee,** Startup School 2013, Y Combinator
 - **Organizer,** Windows Phone 8 Hackathon 2013, University of Toronto
 - **Member,** The Hacker Academy, University of Toronto (2011 - present)

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, UofTHacks Hackathon (2015):** Top 5 out of 112 teams to demo in closing ceremony.
 - **Programming Competitions:** 16/218, Evernote Coding Challenge. 37/436 Booking.com Hackathon.
 - **German Academic Exchange Service Scholarship (2012):** Summer research position in Germany.