

Relevant Professional Experience

Cofounder and System Architect – Phashtag (November 2012 – September 2014),

CEO – Ladon Labs (formerly Phashtag) (September 2014 – Present)

- Lead a small team of engineers to build several RESTful APIs for pattern recognition in images and videos.
- Wrote and maintained a business plan, lead the company through a major pivot, and raised \$90,000 in funding.
- Drafted three provisional patent applications for an automated point-of-sale image-recognition produce scanner.
- Configured and managed MS/Linux servers, as well as many client/server applications (both local and on the cloud).
- Designed a steganographic tagging tool for tracking high-value video assets (anti-piracy software).
- Core platforms: Windows Server, IIS 6/7/8, .Net, ASP.NET: MVC and Web API, SQL Server 2012, jQuery.

Radio Tools Developer – Research in Motion Limited (May 2011 – August 2012)

- Used Agile methodologies to build and support a massive enterprise test management and automation solution.
- Took ownership of (sometimes very old and convoluted) code written by other developers.
- Optimized several heavy database queries, resulting in +100× performance increases throughout the system.
- Core platforms: SmartGWT, Apache Tomcat, ASP.NET, SQL Server 2008, and many others.

Business Technical Solutions Consultant – Rogers Communications Incorporated (September 2007 – August 2008)

- Offered full front-line BlackBerry support to corporate, government and business customers for email, BlackBerry Internet Service (BIS), device activation, troubleshooting, and connectivity as well as coaching and education.
- Identified the needs of the customer and materialized them on the device.
- Collaborated with SMEs to identify outages and handle escalations.

Notable Awards

Nicol Entrepreneurship Award *National Winner* (2014) goo.gl/5KaFEr

Bergeron Medal of Distinction in Science and Technology *Inaugural Winner* (2013) goo.gl/ErNDAI

COM DEV Engineering Design Award *for an Eye-Controlled Computer Interface* (2013) tbdgroup.github.io

York Engineering Competition *3-Time 1st Place Winner* / Ontario Engineering Competition *Finalist* (2010, 2011, 2012)

Education, Personal Development, and Leadership

Lassonde School of Engineering at York University (2014)

BEng Honors program with a specialization in Computer Engineering.

The Next 36 via University of Toronto School of Continuing Studies (2013 Cohort)

Chosen as one of Canada's top 36 student entrepreneurs through a rigorous national selection process to receive 8 months of mentorship from some of Canada's top business leaders, a comprehensive offering of in-kind resources, and academic instruction from some of the world's top faculty.

Founder of Robogals Chapter @ YorkU (2012)

Assembled a team of passionate female engineering students to embark on creation of the first Canadian chapter of Robogals – an organization promoting women in engineering by teaching young girls how to build robots.

Founder of Robot Fighting Club @ YorkU (2010)

Founder of the Robot Fighting Club at YorkU. Hosted seminars and competitions for YorkU community, and designed an ambitious 120-pound killer pneumatic-axe-wielding robot to compete in RoboGames. yorkrobotfighting.net

Executive of York University Fencing Club

Armourer (2009-2011), webmaster (2010-2013). Developed an online customer processing system in PHP + MySQL.

Dvorak Touch-Typist (tested at 10fastfingers.com)

Typed at 78 wpm while copying text using a Dvorak keyboard layout, placing me in the top 7th percentile on that site.