

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 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).
- Built a piracy-tracking platform for high-value video assets, and a portfolio of innovative web/desktop applications.
- Core platforms: Windows Server, IIS 6/7/8, .Net, ASP.NET: MVC and Web API, SQL Server 2012, JavaScript.

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) nicol.jsideris.com

Bergeron Medal of Distinction in Science and Technology Inaugural Winner (2013) bergeron.jsideris.com

COM DEV Engineering Design Award for an Eye-Controlled Computer Interface (2013) tbd.jsideris.com

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)

Participated as one of Canada's top 36 student entrepreneurs via 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 Robot Fighting Club @ YorkU (2010), Robogals Chapter @ YorkU (2012)

Hosted seminars and competitions for YorkU community, and designed an ambitious 120-pound killer pneumatic-axe-wielding robot to compete in RoboGames. In 2012, we became the first Canadian chapter of Robogals – an organization promoting women in STEM by teaching young girls how to build robots.

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.

Publications

Foad Hamidi, Thomas S. Young, Josh Sideris, Ramtin Ardeshiri, Jacob Leung, Pouya Rezai, and Barbara Whitmer. 2017. Using Robotics and 3D Printing to Introduce Youth to Computer Science and Electromechanical Engineering. In *Proceedings of the 2017 CHI Conference Extended Abstracts on Human Factors in Computing Systems* (CHI EA '17). ACM, New York, NY, USA, 942-950. DOI: <https://doi.org/10.1145/3027063.3053346>