

## Experience

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### Amazon

#### Software Development Engineering Intern

May – Aug. 2016 (Seattle, WA)

- Architected and developed software to automate localization for the Amazon Silk browser.
- Saved roughly 1+ hour/week of time for Silk team's engineers, and provided better tracking and reporting to ensure service level agreements were followed.
- Strategically designed to allow for extensibility for utilization by all of Amazon AWS.

### IBM

#### Mobile Solutions Developer

Sept. – Dec. 2015 (Toronto, ON)

- Consulted one of the top 5 financial institutions in Canada - creating an authentication centric business and technical solution
- Presented end-to-end results, playing a paramount role; conveying business use case and technical solutioning to C-level executives of the financial institution.
- Developed an iPhone and an iPad app as part of MVP
  - Formulated an authentication architecture.
  - Integrated step-up time-based one-time password authentication against open source access management.
- Created an iOS framework to extend the usage of iBeacon EstimoteSDK - simplifying and streamlining future development of Beacon related projects.

### Microsoft

#### Xbox Marketing Assistant

Jan. – April 2014 (Mississauga, ON)

- Developed an automated tool to calculate the viability of rebate programs in VBA (Excel) for Xbox products
- Developed and implemented a successful social media marketing campaign for the launch of Titanfall, a new triple-A game.
- Created analytical reports for various games, which aided in creation of next year fiscal's sales forecasts.

### Zurapps Researching Inc.

#### Software Developer

April – Aug. 2013 (Toronto, ON)

- Developed various new features for the companies app portfolio.
- Composed detailed marketing plans for apps, proposing new niche markets and promotion tools.

## Education

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### University of Waterloo (Waterloo, ON)

Bachelors in Computer Science  
Dec. 2017

### Wilfrid Laurier University (Waterloo, ON)

Bachelors in Business Administration  
Dec. 2017

## Awards

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2015 Hack the North

(Best Hack – Support Kit)

2014 Hack the North (Best Hack – Unity)

2012 ECOO Programming Competition  
(Top15)

2011 Wilfrid Laurier Stock Market  
Competition (2nd in Toronto)

2010 McMaster Science Olympics:  
Programming (1st)

## Skills

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### Languages

Java, Javascript, Swift, C, Objective-C, HTML, CSS

### Mobile and Web Technologies

React-Native, iOS, Node, Express, Angular, Bootstrap

### API

Daon SDK (Face Recognition), Location Services (Yelp, Google, Apple), iBeacons, Chat (SupportKit)

### Game Engines

Unity3D, Shiva3D

### Other Tools

Git, UNIX

## Projects

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### Glass Half Full Winner at Hack the North 2015

Mean Stack, SupportKit, and Indico API

An anonymous instant messaging app that helps people overcome their negative emotions by talking to willing helpers.

### Inventory Management

MongoDB, Express, Angular, Node (Mean Stack) and Bootstrap

Project lead in group of three developers, creating, marketing and selling an inventory management software solution to a local Waterloo restaurant.

### Dodger

Unity 3D

Solely programmed a high speed 2D platformer for Android and iOS devices. 600+ installs