

## EDUCATION

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- **University of Toronto** Toronto, ON  
*Bachelors of Science in Computer Science; Major GPA: 3.0/4.0* *Sept. 2015 – May. 2020 (Junior)*

## EXPERIENCE

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- **IBM** Markham, ON  
*Software Developer Intern — Voice Agent with Watson* *May 2017 - August 2018*
  - Automated verification and provisioning of prerequisite services which **sped up install time by 330%**.
  - Lead architecture for Voice Agent log processing and retrieval system.
  - Developed custom **Logstash** filters for **Elasticsearch** resulting in **faster log retrieval time**.
  - Designed and implemented **React** interface to display **thousands of filtered logs and usage records**.
  - Implemented **Node.js** server side routing system and **unit tests** using **Mocha and Chai**.
- **Treasury Board Secretariat of Canada** Toronto, ON  
*Software Developer Intern — Premier's Greetings* *May 2016 - September 2016*
  - Developed custom admin tables to display and organize approximately **80,000 requests per year** in **AngularJS**.
  - Created a graphing tool that allows administrators to graph filtered request data in **AngularJS**.
  - Designed and implemented responsive client side validation forms.

## PROJECTS

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- **Spotikeys**  
<https://github.com/ivanshen/SpotiKeys>
  - A Spotify extension to allow users to bind custom hotkeys to control Spotify.
  - Written in **Java** with AppleScript and Spotify's AppleScript API.
- **React Boilerplate**  
<https://github.com/ivanshen/react-boilerplate>
  - A multi-page **React** application boilerplate with **Node.js** back end.
  - Supports internationalization, username and password authentication, and customizable user profiles.
- **BabyBuddy**  
<http://ivanshen.github.io/babybuddy>
  - A simplified informational resource to guide women through the months of pregnancy.
- **Se7en**  
<http://ivanshen.github.io/Se7en/>
  - A fun and addicting JavaScript web game to test the speed of your arithmetic!
- **Swap With Me**  
<https://github.com/paulxuca/Item-Swap>
  - A textbook exchange platform to simplify the process of searching for courseware.
- **Who Are You Really?**  
<https://github.com/ivanshen/Who-Are-You-Really>
  - A learning styles quiz that breaks down a users best learning styles in percentages.
- **Help Me Up**  
<https://devpost.com/software/helpmeup>
  - A patient monitoring Android app to alert caregivers of a patient's fall and circumstances.

## SKILLS

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- **Languages:** Python, JavaScript, Java
- **Technologies:** React, Node.js, Bluemix, Git