

# Ivan Shen

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## Education

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University of Toronto  
BSc Computer Science  
2015 - 2020

## Experience

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**IBM**  
Software Developer Intern – Voice Gateway Team May/2017 - Present

- Designed and implemented UI dashboard using React.
- Integrated UI into the IBM Bluemix console environment using NodeJS.
- Implemented internationalization language feature using NodeJS and i18next framework.
- Implemented NodeJS unit tests for UI dashboard using Mocha, Chai, and Nightmare frameworks.
- Created documentation for writing unit tests in NodeJS for use in future iterations.
- Participated in daily agile scrum meetings and biweekly iteration planning and retrospectives.

**Treasury Board Secretariat of Canada**  
Software Engineering Intern – Premier's Greetings team May/2016 - Sep/2016

- Developed custom admin tables to display and organize ~80,000 requests per year in AngularJS.
- Created a graphing tool that allows administrators to graph filtered request data in AngularJS.
- Developed request validation forms that are responsive to a user's request type using jQuery.

## Projects

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**SpotiKeys – Ridi6ulous Summer Hackathon (Java, AppleScript)**  
- A Spotify extension to allow users to bind custom hotkeys to control Spotify.  
- Published at <https://github.com/ivanshen/SpotiKeys/releases>

**BabyBuddy – Break Poverty Hackathon (HTML, CSS, AngularJS)**  
- A simplified informational resource to guide women through the months of pregnancy.  
- Published at <http://ivanshen.github.io/babybuddy>

**Se7en – UofT Hacks II (HTML, CSS, AngularJS)**  
- A fun and addicting web game to test the speed of your arithmetic!  
- Published at <http://ivanshen.github.io/Se7en/>

**SwapWithMe – Deltahacks II (HTML, CSS, JavaScript, MongoDB)**  
- A textbook exchange platform to simplify the process of searching for courseware.  
- Available at <https://github.com/paulxuca/Item-Swap>

## Skills

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Python, Java, JavaScript, Git, C