

# 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 the UI service provisioning 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, HTML, CSS