

IVAN SHEN

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EDUCATION

University of Toronto
BSc Computer Science
2015 - 2020

EXPERIENCE

- IBM** May/2017 - Present
Software Developer Intern - Voice Gateway Team
- Designed and implemented UI dashboard using React.
 - Integrated UI into the IBM Bluemix console environment using NodeJS.
 - Implemented internationalization language feature using NodeJS using i18next framework.
 - Implemented automated NodeJS unit tests for the UI dashboard using Mocha, Chai, and Nightmare frameworks.
 - Created documentation for writing unit tests in NodeJS for unit tests in future iterations.
 - Participated in daily agile scrum meetings and biweekly iteration planning and retrospectives.
- Treasury Board Secretariat of Canada – Central Agencies I&IT Cluster** May/2016 - Sep/2016
Software Engineering Intern – Premier's Greetings team
- 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

- 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

Python, Java, JavaScript, Git, C