Ivan Shen

http://www.ivanshen.github.io

Email : iwshen11@gmail.com
Linkedin : /in/shenivan

EDUCATION

University of Toronto — Toronto, ON
Bachelors of Science in Computer Science — *Sept. 2015 – May. 2020 (Junior)*

EXPERIENCE

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

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

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