

# Ian Bloomfield

Toronto Ontario, M4S 1M7

[ian@sepal.ca](mailto:ian@sepal.ca) (647)-303-3047

[www.linkedin.com/in/ian-bloomfield](https://www.linkedin.com/in/ian-bloomfield)

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## Skills Summary

### Certifications

- MITx: Computer Science Using Python.
- IBM: Developing Cloud Applications with Node.js and React.

### Applications

- Microsoft Office 365, ArcGIS, WordPress, and Tableau.

### Technologies

- Java, JavaScript, C#, C, Python, Azure Functions, Azure Cosmos DB, Redis, JSON, JWT, Git, Racket, SQL, Spring Boot, Rest API, HTML, and CSS.

### Relevant Experience

- Executive technical support
- Backend and frontend software development
- Computer technician
- Volunteer mental health mentor

### Personality

- Hard-working and enthusiastic/encouraging team player.
  - Broad knowledge and experience with computers and technology.
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## Work Experience

### Ministry of Government and Consumer Services, Toronto, ON

Jan 2021 – Aug 2021

#### Technical IT Assistant

- Provided online and in-person white-glove technical support to government executive who are experiencing blocking issues.
- Led the development of instructional guides and presented to government executives with the goal of making them more efficient while working online and in-person with Office 365.
- Collaborated with a small team using Microsoft Teams and Microsoft Planner to develop FAQ's and website updates via WordPress (Ontario Government internal website) to highlight effective strategies for upcoming Office 365 features.
- Learned appropriate communication skills to successfully interact with executive level staff to ensure client satisfaction.

### Clearspace Technologies, Toronto, ON

Jul 2020 – Dec 2020

#### Software Developer

- Collaborated with a team of five using an Agile process to develop a digital identity mobile application for Android and IOS for a technology startup.
- Developed backend code on Azure serverless cloud infrastructure using Python.

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- Core technologies used: Azure Functions, Azure Cosmos DB, Redis, JSON, JWT, Git, REST API and Slack.
- The goal of the project was to create an app that would simplify proof of identity in the modern mobile world.

## **ReBoot Canada, Toronto, ON**

Aug 2019

### *Computer Technician*

- Assisted a team to collect, sort, and refurbish donated electronics.
  - Performed many tasks, including processing donated electronics, disassembling computers, and providing technical support and customer service.
  - Supported an effort to ensure the benefits of computers and technology are assessable to all Canadians.
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## **Education**

### **University of Waterloo**

Sept 2019 – Present

Pursuing Geomatics with a specialization in Computer Science, Co-op Department of Environmental Studies.

**MITx** – Computer Science Using Python (93%)

Jul 2020 – Aug 2020

**IBM** - Developing Cloud Applications with Node.js and React

Jul 2021 – Aug 2021

### **Northern Secondary School, Toronto ON**

Sept 2015 – Jun 2019

Graduated with honours.

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## **Volunteer Experience**

### **Northern Secondary School, Toronto ON**

Sept 2018 – June 2019

#### *Software Developer*

- Developed a specialized database and web application to track student attendance at the school library.
- Core technologies: Java, Spring Boot, CSS, HTML, and a bar code scanner.
- Cooperated with the librarian to ensure functional specifications were identified and met throughout the development process.

### **Northern Secondary School, Toronto ON**

Sept 2018 – June 2019

#### *Peer Mentor*

- Worked with a team of students to develop and deliver workshops on mental health to groups of elementary school students.
- Led discussions and activities with the students to help them identify stress, stigmas, and stereotypes, then build strategies for better mental and physical health.
- Encouraged children to develop more empathy and understanding towards themselves and others.