


# luisa rojas

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 (416) 856-3054

## experience

### Software Developer

January 2021 – Present

IBM

- Implement and set up the infrastructure for different IBM Cloud services to utilize in development, test, and production environments using Infrastructure as Code (IaC) in Terraform.
- Automate and optimize processes using orchestration and containerization tools, like Jenkins, Docker, and Kubernetes with Helm templating.
- Work closely with other development teams to enable a continuous integration environment, making sure the applications are healthy and resilient.
- Implement tools for automated deployment and monitoring of multiple environments. These services are often developed in either Python or NodeJS.
- Troubleshoot and quickly resolve critical issues in all environments.

### Teaching Assistant

January 2017 – December 2019

University of Ontario Institute of Technology

Provided academic support junior and senior Computer Science students in the following courses:

- Programming Workshop (C++)
- Software Quality Assurance (C++, Java)
- Web Development (JavaScript, MongoDB)

### Web Administrator

May 2014 – December 2014

University of Ontario Institute of Technology

## education

### MSc in Computer Science

September 2017 – August 2020

Research area: Automatic fault localization in Java multithreaded programs

University of Ontario Institute of Technology

### BSc in Computer Science (Hons.)

September 2013 – April 2017

University of Ontario Institute of Technology

## skills

### Programming

Python, Java, JavaScript, C++

### Databases

PostgreSQL, MongoDB, Neo4J

### Web Development

NodeJS, Flask, REST

### DevOps

Git, GitHub, Docker, Jenkins, Kubernetes, Terraform

### Cloud Computing

IBM Cloud