

# SOPHIE REICH-MICHALIK

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## Education

McGill University

Montreal, QC

BSc & BA Computer Science and International Development Studies

Expected: April 2019

## Technical Skills

Languages: Java, C, C++, Python, Scala, Bash

Tools: Git, JIRA, IntelliJ, Atom, Vim, Visual Studio, Eclipse

## Work Experience

### Ribbon Communication

Montreal, Canada

Current Software Developer Intern - Working in C and C++

January 2019 – April 2019

### UN International Computing Centre

Brindisi, Italy

Systems Technician Intern

September 2018 – December 2018

- Worked on the development and security testing of an international agricultural trade program.
- Assisted in migrating the UNICC's website from their old platform onto WordPress, presented to HR on how to use the new tool.

### Royal Bank of Canada – Cyber Analytics

Toronto, Canada

Data Scientist Intern

May 2018 – August 2018

- Worked with a team to monitor and analyze cyber threats to RBC and create solutions using Python and PySpark in order to block the potential risks.
- Researched and presented on the topic of Autoencoders, and the potential they could bring to anomaly detection, using security data.
- Improved my working understanding of JIRA and Git as this was my second role at RBC using these tools daily.

### Royal Bank of Canada – Unified Communication Services

Toronto, Canada

Technical Systems Analyst Intern

May 2017– August 2017

- Helped improve video communication accessibility for RBC employees by providing internal support with CISCO and Level three technologies.
- Automated first level support procedures for the team by developing a software that organized ticket requests.
- Experienced working in a multi-platform environment, since it was necessary to become familiar with all types of communication support.

### Sandiford Lab

Montreal, Canada

IT Consultant

September 2016 – April 2018

- Provided IT support for students and professors and maintained faculty computers in the lab.
- Worked to deliver assistance to faculty in classrooms and at events.

## Projects

### RBC Cloud Innovation Challenge Hackathon

June 2018

- First place – Created a disability insurance chat bot using IBM Watson.

### McGill Robotics

September 2017

- Worked on the drone division to improve the vehicle by developing its program in Python.
- Performing test flights to prepare for the annual Student Unmanned Aerial System Competition at the US Navy's Webster Field in Maryland.

## Languages

Native: English

Fluent: French