

# Jacob Seiler

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github.com/jacob-seiler



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## WORK EXPERIENCE

### Automation Developer, Royal Bank of Canada

MAY 2019 - AUGUST 2019

- Designed software solutions using Python, VBA, and RPA for various teams to automate tasks.
- Researched different approaches based on teams' needs and available resources.
- Implemented 8 projects saving a total of 15.5 hours of manual work per month.

### Financial Analyst, Royal Bank of Canada

JULY 2018 - AUGUST 2018

- Developed software tools using Python, VBA, and Dataverse to analyze financial documents.
- Performed data collection and task monitoring to better understand the flow of information.
- Implemented systems to automate 5 processes, saving a total of 8 hours per month.

## RELATED EXPERIENCE

### Education Coordinator, QMIND

SEPTEMBER 2018 - PRESENT

- Designed educational material about Artificial Intelligence to engage others.
- Researched various topics and engaged with the QMIND community to better understand impact.
- Collaborated with team to develop a course about Artificial Intelligence to be offered by Queen's.

### Design Member, QMIND

SEPTEMBER 2018 - APRIL 2019

- Built an Artificial Intelligence for classifying cancer in CT scans of lungs.
- Studied medical imaging data and designed a convolutional neural network.
- Developed a model that classifies results as benign or malignant with an 83% accuracy.

### Data Science Intern, BetaLab

MARCH 2019 - PRESENT

- Working to develop Artificial Intelligence solutions for various businesses in Kingston.
- Meeting with clients and conducting research to find the best approach based on available resources.

### Orientation Leader, Queen's University

MARCH 2019 - SEPTEMBER 2019

- Guided a group of 17 incoming students through the orientation program, helping them explore university life.
- Facilitated activities to get students involved and welcomed in an accessible and inclusive way.
- Communicated with students to ensure a positive experience and support them if needed.

## EDUCATION

### Queen's University, Bachelor of Computing (Honours)

SEPTEMBER 2018 - APRIL 2022

### Forest Hill Collegiate Institute, Ontario Secondary School Diploma

SEPTEMBER 2014 - JUNE 2018

## SKILLS

- Fluent in Java, Python, VBA, JavaScript, C++, C#, HTML/CSS, and SASS
- Strong communication, teamwork, and leadership
- Proficient in Microsoft Office including Excel and Word
- Good sense of humor