

# Tim Roy

EMAIL: [roy.tim@outlook.com](mailto:roy.tim@outlook.com) | [tim.roy@mail.mcgill.ca](mailto:tim.roy@mail.mcgill.ca)  
WEBSITE: [timroy.github.io](https://timroy.github.io)

## WORK EXPERIENCE

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- Current* | **Junior Survey Analyst** | [ROYAL CANADIAN MOUNTED POLICE](#)  
Nov 2020 | Action, Innovation and Modernization Branch  
- Analysis of RCMP client, employee, and stakeholder survey data in R
- Current* | **Intern in Policy** | [CANADIAN SPACE AGENCY](#) Policy Branch  
JULY 2020 | - Literature review of space-based Earth observation studies in Canada  
- Journal article database management and statistical analysis using Excel and R.  
- Business model analysis of space technology testing facilities  
- Drafting an earth observation industry & stakeholder engagement report
- Current* | **Research Assistant** | [UKRAINE PUBLIC SECURITY IN TRANSITION PROJECT](#), Toronto  
JUNE 2020 | - Public security & gun ownership survey review and questionnaire drafting.  
- Data science, geospatial analysis and visualization in R.
- Current* | **Research Assistant** for PROF. ÉRIC BÉLANGER | McGill University, Montreal  
FEB 2020 | - Data Science, Research, Analysis, Reporting & Data Visualization in R  
- Creation of weights and statistical analysis visualizations for complex survey design.  
- Research on political participation and youth for ELECTION CANADA
- Current* | **Research Assistant** for PROF. AARON ERLICH | [DEMOTIP Lab](#), Montreal  
SEP 2018 | - Data Science, Research, Analysis, Reporting, & Data Visualization in R  
- Literature review and article drafting. Clean complex survey data and perform descriptive statistics, causal inference with regression analysis, prediction, simulation, and data visualization in R. Version control and reporting in GitHub.  
The DEMOTIP Lab is affiliated with the [Centre for the Study of Democratic Citizenship](#).

## EDUCATION

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- Current* | Master of Arts in POLITICAL SCIENCE | [McGill University](#), Montreal  
2019-2020 | Exchange Year at [Institut d'études politiques de Paris](#), France
- Graduated* | Bachelor of Arts in POLITICAL SCIENCE and RUSSIAN LANGUAGE  
SEP 2019 | *First Class Honours* | GPA: 3.85/4 | [McGill University](#), Montreal  
INDEPENDENT RESEARCH: "Conspiracy Beliefs in Ukraine" | Supervisor: Prof. Aaron ERLICH
- Graduated* | Diploma of College Studies in LAW, SOCIETY, & JUSTICE  
JULY 2016 | *Honours* | [Dawson College](#), Montreal | R-SCORE: 28.5

## SCHOLARSHIPS & CERTIFICATES

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- SEPT. 2019 | GUY DRUMMOND FELLOWSHIP IN POLITICAL SCIENCE | [McGill University](#) | \$ 32,500  
AUG. 2017-19 | DEAN'S HONOUR LIST | [McGill University](#) | 3 Consecutive years  
JULY 2017 | ALEXANDER MACKENZIE SCHOLARSHIP | [McGill University](#) | \$ 1,000

## LANGUAGES

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ENGLISH: Mother tongue | FRENCH: Fluent | RUSSIAN: Working proficiency

## SKILLS & RESEARCH

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Comp. Adv. Knowledge: R, ggplot2, Excel & Office Suite, Markdown  
Comp. Basic Knowledge: Git, GitHub,  $\LaTeX$ , SQL, Python, STATA, HTML  
Data Science Skills: Data Visualization, Social Media Research, Causal Inference  
Political Science Research: Canadian Politics, Islam & Politics, Russian & Ukrainian Politics  
Information Research: Transparency, Disinformation, Conspiracies, Climate skepticism