

Tim Roy

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WORK EXPERIENCE

Current Nov 2020	Junior Survey Analyst ROYAL CANADIAN MOUNTED POLICE Action, Innovation and Modernization Branch - Analysis of RCMP client, employee, and stakeholder survey data in R
Current JULY 2020	Intern in Policy CANADIAN SPACE AGENCY Policy Branch - 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 JUNE 2020	Research Assistant UKRAINE PUBLIC SECURITY IN TRANSITION PROJECT , Toronto - Public security & gun ownership survey review and questionnaire drafting. - Data science, geospatial analysis and visualization in R.
Current FEB 2020	Research Assistant for PROF. ÉRIC BÉLANGER McGill University, Montreal - 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 SEP 2019	Research Assistant for PROF. AARON ERLICH DEMO TIP Lab , Montreal - 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 DEMO TIP Lab is affiliated with the Centre for the Study of Democratic Citizenship .

EDUCATION

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

SCHOLARSHIPS & CERTIFICATES

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

ENGLISH:	Mother tongue	FRENCH:	Fluent	RUSSIAN:	Working proficiency
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SKILLS & RESEARCH

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