

Cameron Raymond

San Francisco | Toronto | cameron.raymond@hey.com | cameronraymond.me/

EDUCATION

University of Oxford, MSc Applied Statistics and Computing

Aug. 2021

- Research areas: Data science, machine learning, human-computer interaction, computational social science
- Thesis: *An experimental analysis of misinformation interventions in ambiguous contexts: The limits of increased attention* (**Awarded one of four thesis prizes in a department of 60**)
- Excelled in Experimental Design (distinction), Analytical Statistics (distinction), Data Analysis at Scale (distinction)

Queen's University, BSc Computer Science (Political Science Minor)

Apr. 2020

- GPA: 4.03/4.30 (top 3-5%)
- Excelled in Reinforcement Learning (A+), Algorithms (A+), Data Structures (A+), Neural & Genetic Computing (A)
- Dean's Honour List (2017-2020)

TECHNICAL EXPERIENCE

Stanford Law School, Research Fellow

Sept. 2021 – Present

- Using experimentation, causal inference and machine learning (R, SQL, Python) to build the evidence base for effective governance at Stanford's Regulation, Evaluation and Governance Lab (RegLab)

Princeton University, Data Scientist

May 2021 – Sept. 2021

- Implemented computer vision using Python, SQL and PyTorch (transfer learning for animated facial segmentation) and data mining algorithms, allowing for novel research designs in the Department of Psychology
- Increased data collection and modelling capacity by 10x with MySQL and Python

Towards Data Science, Artificial Intelligence Contributor

Apr. 2020 – Present

- Wrote articles and scaled readership communicating computational social science with over 20k reads to date

University of Toronto, Research Scientist

May 2020 – Jan. 2021

- Developed novel computational models using Python, Spark and SQL for online behaviour, generating new insight into political communities
- Published findings at ICWSM, the world's premier computational social science venue (17% acceptance rate)

Queen's University, Teaching Assistant

Jan. 2019 – Apr. 2020

- Communicated core concepts of algorithmic design (CISC 365); machine learning – including neural networks, PCA and SVMs (CISC 251); and Object-Oriented Programming (CISC 124) to 30+ students

Canadian Imperial Bank of Commerce, Data Analytics Intern

May 2018 – Aug. 2018

- Developed mobile data analytics app, reducing analytics latency of business critical data by 75%

VOLUNTEER EXPERIENCE

Queen's Data Analytics Association, Sponsorship Director

Sept. 2018 – Apr. 2020

- Spearheaded team of four to form corporate partnerships, resulting in a 200% increase in raised capital

Good Times Diner Soup Kitchen, Volunteer

Sept. 2018 – Apr. 2020

- Prepared weekly hot meals for those affected by food insecurity in the Kingston community

PUBLICATIONS AND CONFERENCE PRESENTATIONS

- **Raymond, C.**, Anderson, A., & Waller, I. (2022, June). Measuring Alignment of Online Grassroots Political Communities with Political Campaigns. In Proceedings of the International AAAI Conference on Web and Social Media (ICWSM) (Vol. 15).
- **Raymond, C.**, Krafft, P. M. (2021, September). *Managing Online Rumour Proportions During Offline Protests*. The 3rd Multidisciplinary International Symposium on Disinformation in Open Online Media (MISDOOM), online.
- **Raymond, C.** (2020, June). *Bridging or Bonding? Measures of Topic Centrality for Online Political Engagement*. International Network for Social Network Analysis Sunbelt Conference, Paris, FR.

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL, R, Java, HTML, JS, CSS, C, Haskell, C#
- **Tools:** Tidyverse, NumPy, Pandas, TensorFlow, Theano, Spark, SK Learn, SciPy, React, Git, Latex
- **Statistical Skills:** Causal inference, A/B testing, hypothesis testing, linear regression, logistic regression, lasso regression, multi-level modeling, neural networks, difference-in-differences, IV analysis, power analysis