Cameron Raymond

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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, B.Comp 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*
- Building the evidence base and technology for effective governance at Stanford's Regulation, Evaluation and Governance Lab (RegLab) as a data scientist and public sector consultant

Princeton University, Data Scientist   *May 2021 – Sept. 2021*
- Implemented computer vision (transfer learning for animated facial segmentation) and data mining algorithms, allowing for novel research designs at Princeton's Stigma and Social Perception Lab (Department of Psychology)
- Increased data collection and modelling capacity by 10x

Towards Data Science, Artificial Intelligence Contributor   *Apr. 2020 – Present*
- Wrote and scaled readership of articles communicating research in network science and computational social science with over 18,000 reads to date

University of Toronto, Research Scientist   *May 2020 – Jan. 2021*
- Developed a novel extension of the artificial neural networks used in word embeddings to model how political communities on Reddit change over time at the University of Toronto's Computational Social Science Lab

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 tutorials of 30+ students

Canadian Imperial Bank of Commerce, Data Analytics Intern   *May 2018 – Aug. 2018*
- Developed and shipped 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 with Fortune 500 companies and startups, 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.**, 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.,** Anderson, A., & Waller, I. (2021, July). *Measuring Alignment of Online Grassroots Political Communities with Political Campaigns*. The 7th International Conference on Computational Social Science (ICS2S2), Zurich, CH.
- **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