

Cameron Raymond

Oxford, UK | Toronto, CA | +1 647 984 3006 | cameron.raymond@oii.ox.ac.uk | cameronraymond.me/

EDUCATION

University of Oxford, MSc Data Science

Exp. Jul. 2021

- One of the 25 students selected to study Social Data Science at the Oxford Internet Institute, a multidisciplinary research department at the University of Oxford
- **Research areas:** machine learning, network science, interpretable AI, and computational social science

Queen's University, B.Comp Computer Science (Politics Minor)

2016 – 2020

- **GPA:** 4.03/4.30 (top 3-5%)
- **Major GPA:** 4.15/4.30
- Excelled in Reinforcement Learning (A+), Algorithms (A+), Data Structures (A+), Neural and Genetic Computing (A), Contemporary Regimes (A+)
- Dean's Honour List (2017-2020)

TECHNICAL EXPERIENCE

Towards Data Science, Artificial Intelligence Contributor

Apr. 2020 – Present

- Contributed multiple articles breaking down cutting edge research in network science and computational social science
- Scaled readership with over 14,000 reads to date

University of Toronto, Research Scientist

May 2020 – Sept. 2020

- Developed a novel extension of the artificial neural networks used in word embeddings to model how political communities on Reddit change overtime
- Supervised by Dr. Ashton Anderson; working paper under review for publication
- Presented findings at Computational Social Science Lab weekly meetings

Queen's University, Teaching Assistant

Jan. 2019 – Apr. 2020

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

Publicis Sapient, Software Engineer Intern

Jun. 2019 – Aug. 2019

- Helped migrate front-end analytics software for Walmart Canada, increasing analytics coverage by 20%
- Received full-time return offer

Canadian Imperial Bank of Commerce, Data Analytics Intern

May 2018 – Aug. 2018

- Lead developer of mobile data analytics app that monitors key retail banking indicators
- Reduced analytics latency by 85%, allowing for near real-time monitoring of business critical data
- Presented app to CIBC CEO Victor Dodig as an example of the work done by data analysts

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

- Raymond, C., Anderson, A., & Waller, I. (2021, January). *Measuring Alignment of Online Grassroots Political Communities with Political Campaigns*. Manuscript submitted for publication.
- Raymond, C. (2020, June). *Bridging or Bonding? Measures of Topic Centrality for Online Political Engagement* [Conference Presentation]. INSNA Sunbelt 2020, Paris, FR.

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL, Java, HTML, JS, CSS, C, Haskell, C#, R
- **Tools:** NumPy, Pandas, TensorFlow, Theano, Numba, PySpark, Gensim, SK Learn, SciPy, React, Git, Latex
- **Statistical Skills:** Hypothesis testing, linear regression, logistic regression, ridge/lasso regression, multi-level modelling, neural networks