

## Cameron Raymond

647 984 3006   cameron.raymond@hey.com   [cameronraymond.me](https://cameronraymond.me)

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### Education

#### University of Oxford

Aug 2021 (expected)

(MSc) Social Data Science

One of the 25 students studying Social Data Science at the Oxford Internet Institute - a multidisciplinary research department at the University of Oxford

#### Queen's University

Apr 2020

(B.Cmp.H.) Computer Science, Political Studies

GPA: 4.03/4.30

Excelled in Reinforcement Learning (A+), Algorithms (A+), Politics of Artificial Intelligence (A), Neural and Genetic Computing (A), Contemporary Regimes (A+)

Dean's Honour List 2017, 2018, 2019 & 2020

#### Research Interests

Machine learning, network science, HCI, computational social science

#### Languages

Python, Java, HTML, JS, CSS, C, SQL, Haskell, C#

#### Technologies

NumPy, TensorFlow, Pandas, Gensim, React, Spark, Git

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### Experience

#### University of Toronto

May 2020 — Sept 2020

Research Scientist, Computational Social Science

Developed a novel extension of the artificial neural networks used in word embeddings to model how political communities on Reddit change over time.

#### Publicis Sapient

Jun 2019 — Aug 2019

Junior Associate, Software Development

Collaborated with experience designers, strategists, and clients to develop production software for a Fortune 100 retailer.

#### CIBC Digital

May 2018 — Aug 2018

Junior Analyst, Digital Insights and Analytics

Designed, developed and presented CIBC's first comprehensive data analytics app to senior directors at CIBC Digital and CEO Victor Dodig.

Visualized behavioural analytics for over 3M weekly page views.

Built with React Native; large emphasis on data visualization.

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### Publications

Raymond, C. (2020, June 2-8). Bridging or Bonding? Measures of Topic Centrality for Online Political Engagement [Conference Presentation]. INSNA Sunbelt 2020, Paris, FR.

Raymond, C., Anderson, A., & Waller, I. (2020, September). Characterizing Political Activity on Reddit During the 2020 U.S. Presidential Primaries. Manuscript submitted for publication.

White, L., Davidson, A., & Raymond, C. (2020, October). Public Opinion and Public Trust in Education Systems and Child Care Programs as Key Public Health Sites During the COVID-19 Pandemic. Manuscript in preparation.

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### Leadership

#### Queen's Data Analytics Association

Sept 2018 — May 2020

Speakers Coordinator (2018–2019), Sponsorship Director (2019–2020)

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

Led outreach to Fortune 500 companies, and connected them with the Queen's tech community.

#### Queen's University

Jan 2019 — Apr 2020

Teaching Assistant

Taught CISC 365: Algorithms (Jan 2020); CISC 251: Data Analytics (Sept 2019); and CISC 124: Intro to Computing Science II (Jan 2019)