

Cameron Raymond

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EDUCATION

University of Oxford, MSc Data Science

Exp. July 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

- Cumulative 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)

HIGHLIGHT OF QUALIFICATIONS

- Research oriented with a focus on machine learning and an interest in the business impact of human computer interaction (HCI), and social science
- Fast and curious learner with a track record of success in both engineering and business

PROFESSIONAL EXPERIENCES

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

Publicis Sapient, Software Engineer Intern

Jun. 2019 – Aug. 2019

- Collaborated with experience designers, strategists, and clients to develop production analytics software for a Fortune 100 retailer
- Received full-time return offer

Canadian Imperial Bank of Commerce, Data Analytics Intern

May 2018 – Aug. 2018

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

PUBLICATIONS

- Raymond, C., Anderson, A., & Waller, I. (2020, September). *Characterizing Political Activity on Reddit During the 2020 U.S. Presidential Primaries*. Manuscript submitted for publication.
- Raymond, C. (2020, June 2-8). *Bridging or Bonding? Measures of Topic Centrality for Online Political Engagement* [Conference Presentation]. INSNA Sunbelt 2020, Paris, FR.

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

Queen's University, Teaching Assistant

May 2018 – Aug. 2018

- Led tutorials for Algorithms (CISC 365), Data Analytics (CISC 251) and Intro to Computing Science II (CISC 124)

TECHNICAL SKILLS

- **Technologies:** Python, SQL, Java, HTML, JS, CSS, C, Haskell, C#
- **Tools and Frameworks:** NumPy, Pandas, PySpark, Sci-kit Learn, SciPy, TensorFlow, React.JS, Git