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*
- **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 data 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 behavioral 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

Towards Data Science, Artificial Intelligence Contributor   *May. 2020 – Present*
- Communicated cutting edge research in network science and computational social science through accessible long-form articles with over 13,000 reads to date

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

Queen's University, Teaching Assistant   *May 2018 – Aug. 2018*
- Led tutorials of 30+ students for the courses Algorithms (CISC 365), Data Analytics (CISC 251) and Intro to Computing Science II (CISC 124)

TECHNICAL SKILLS

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