




PAUL JOHNSON

QUANTITATIVE SOCIAL SCIENTIST
DATA SCIENCE & MACHINE LEARNING

EDUCATION

- 2020**
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2017
● **M.A. Political Science**
University of Houston  Houston, TX
 - Dissertation: When & Why Do Politicians Defect from Their Party and Form Spin-Offs?
- 2012**
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2011
● **M.Sc. Global Politics**
University of Southampton  Southampton, UK
- 2011**
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2008
● **B.A. Politics**
University of Sussex  Brighton, UK

WORK EXPERIENCE

- 2020**
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2018
● **Graduate Research Assistant**
University of Houston  Houston, TX
 - Built natural language processing models for political science research
 - Developed coding and data structure for productive research
 - Led the research project's methodological exploration and development
- 2019**
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2017
● **Graduate Teaching Assistant**
University of Houston  Houston, TX
 - Courses: Intro to Comparative Politics, Mexican Politics, Comparative Elections, Media & Politics
- 2018**
● **Graduate Research Assistant**
University of Houston  Houston, TX
 - Supported the Political Party Database Project Survey
 - Maintained the PPDB website, including the expansion of the available data
- 2017**
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2015
● **Fundraising Manager: Product Innovation**
Marie Curie  London, UK
 - Managed Marie Curie's largest and highest grossing regular fundraising campaign (Fundraising My Way)
 - Assisted the development of new fundraising products and the innovation of existing campaigns
 - Maintained regular newsletter updating Marie Curie employees (within fundraising and beyond) about developments in and around the sector



View this CV online with links at
pauljohnson.net/cv

CONTACT

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-  [Paul_Johnson89](https://twitter.com/Paul_Johnson89)
-  [Paulj1989](https://github.com/Paulj1989)
-  pauljohnson.net

SKILLS

Analytical: Statistical Modeling, Causal Inference, Machine Learning, Deep Learning, NLP

Programming: R, Python, SQL, Javascript, HTML, Bash

Packages: tidyverse, tidymodels, shiny, pandas, numpy, sklearn, spaCy, nltk, Tensorflow, Keras

Tools: Git, Docker, AWS

Last updated on 2021-02-08.

2015
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2014

● **Events & Corporate Fundraiser**

World Child Cancer

📍 London, UK

- Developed, recruited, and managed the charity's largest charity event to-date (Kilimanjaro trek)
- Supported the Head of Corporate fundraising in the successful corporate partnership with Deutsche Bank
- Managed various important charity events (London Marathon, Ride 100, Great North Run)



SELECTED PUBLICATIONS

2020

● **The Nationalization of Mexican Parties** 🔗¹

P Johnson & F Cantu. (2020). *Politica y Gobierno*. 27 (2).



ONGOING RESEARCH

● **Hypothesis Testing for Reliability Statistics: A Permutation Approach** 🔗²

P Johnson & J Kirkland

- Demonstrating permutation approaches for evaluating reliability, using a series of Monte Carlo studies.

● **Analyzing Bulgarian Constitutional Courts Using Natural Language Processing**

L Tiede, T Bagashka, S Chappa, P Johnson

- Using natural language processing methods to test the presence of political language in Bulgarian constitutional court cases.

● **How does the Presence of a Publicly Funded News Broadcast Affect Trust in News Media?**

P Johnson & B Sullivan

- Carrying out a cross-national analysis of the relationship between the presence of a prominent and popular publicly funded news media outlet and levels of public trust in the news media.



LINKS

1: <https://tinyurl.com/y2dsk6c7>

2: <https://tinyurl.com/y22bulbb>